



Cambridge Isotope
Laboratories, Inc.

2023

Environmental Contaminant Standards



Table of Contents

I. CIL SPOTLIGHT

| | |
|--|-----|
| 6PPD-Quinone | P4 |
| Chlorinated Paraffins | P5 |
| Bisphenols and Related Products | P6 |
| Cyanotoxins | P8 |
| Cyclic Volatile Methyl Siloxanes (cVMS) | P9 |
| Ethylene Oxide and 2-Chloroethanol | P10 |
| Fipronil | P11 |
| Flame Retardant Standards | P12 |
| Glyphosate, Glufosinate, and Dicamba | P20 |
| Metabolites of Polycyclic Aromatic Hydrocarbons (PAHs) | P22 |
| Nitrosamines | P24 |
| Nonylphenol, Nonylphenol Ethoxylates, and Octylphenol | P26 |
| Parabens | P28 |
| Phosphate Flame Retardants (PFRs) | P30 |
| Phthalates, Related Plasticizers, and Metabolites | P32 |
| Polychlorinated Naphthalenes (PCNs) | P36 |
| Pyrethroids | P40 |
| Tobacco Specific Nitrosamines (TSNAs) | P42 |
| Toxaphene Congeners | P44 |
| Neonicotinoid Pesticides | P46 |
| Per- and Polyfluoroalkyl Substances (PFAS) | P50 |

II. STANDARDS AND STANDARD MIXTURES

| | |
|---|------|
| Dioxin and Furan Method Standards, Standard Mixtures and Reference Materials | P61 |
| Dioxin and Furan Plus PCB Standard Mixtures [EDF-5443] | P62 |
| Two-Column Dioxin and Furan and PCB Revision A Calibration Solutions [EDF-5443-A] | P64 |
| Dioxin and Furan Plus PCB Standard Mixtures [EC-5396-CS8] | P66 |
| Dioxin and Furan Plus PCB Standard Mixtures [EC-5325] | P67 |
| Two-Column Dioxin and Furan Standard Mixtures [Native Stock] | P68 |
| Two-Column Dioxin and Furan Standard Mixtures [EDF-5444] | P69 |
| PCB Standards and Standard Mixtures | P71 |
| "Non-Dioxin-Like" (Marker/Indicator) PCB Mixtures | P72 |
| Rapid PCB Screening "Non-Dioxin-Like" (Marker/Indicator) PCB Mixtures | P73 |
| PCB-Wide PCBs "Non-Dioxin-Like" PCB Mixtures | P74 |
| WHO "Dioxin-Like" and "Non-Dioxin-Like" (Marker/Indicator) PCB Mixtures | P76 |
| WHO "Dioxin-Like" PCB Mixtures | P82 |
| JIS PCB Methods Standard Mixtures | P86 |
| Dioxin and Furan Method Standard Mixtures and Reference Materials | P89 |
| Dioxin and Furan Plus PCB Standard Mixtures [EDF-5393] [シリーズK] | P90 |
| JIS Methods K0311 and K0312 Dioxin/ Furan Standard Mixtures | P91 |
| Bromodioxin/Furan Standard Mixtures | P92 |
| Flame-Retardant Standard Mixtures | P95 |
| RoHS Brominated Diphenyl Ether (BDE) Standard Mixtures | P96 |
| Pesticides Standards | P97 |
| Pesticide Standard Mixtures | P98 |
| Stockholm Convention POPs Pesticide Standard Mixtures | P102 |
| Polycyclic Aromatic Compound (PAC) Standard Mixtures | P105 |
| Hydroxy Polycyclic Aromatic Hydrocarbon (PAH) Standard Mixtures | P106 |

III. ENVIRONMENTAL STANDARDS

| | |
|---|------|
| JECS (Japan Environment and Children's Study) Products | P111 |
| Phthalate and Phthalate Metabolite Standards | P112 |
| PCB Standards and Standard Mixtures & Priority Pollutant Standard Mixtures | P114 |
| Perfluorinated Compound Standards | P116 |
| Flame-Retardant Standards and Standard Mixtures & PCB Standards and Standard Mixtures | P118 |
| Flame-Retardant Standards and Standard Mixtures | P120 |
| Priority Pollutant, Endocrine Disruptor, and Chemical Contaminant Standards | P123 |
| Priority Pollutant, Endocrine Disruptor, and Chemical Contaminant Standards & Flame-Retardant Standards and Standard Mixtures | P128 |
| Polycyclic Aromatic Compound (PAC) Standards and Standard Mixtures | P137 |
| Pesticide and Chemical Weapon Standards | P145 |
| Cyanotoxins | P156 |

6PPD-Quinone

Featured Products

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|---------------|---|---------------------------|--------|----------|
| CLM-11290-1.2 | 6PPD-Quinone (ring- ¹³ C ₁₂ , 99%) CP 95% | 100 µg/mL in acetonitrile | 1.2 mL | ¥208,000 |
| CLM-12293-1.2 | 6PPD-Quinone (phenyl- ¹³ C ₆ , 99%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥182,000 |
| ULM-12288-1.2 | 6PPD-Quinone (unlabeled) CP 95% | 100 µg/mL in acetonitrile | 1.2 mL | ¥44,000 |

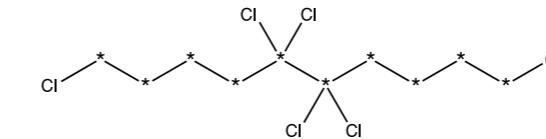
Related Products

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|--------------|---|---------------------|--------|----------|
| DLM-4880-1.2 | N,N'-Diphenyl-p-phenylenediamine (D ₁₄ , 98%) CP 95% | 100 µg/mL in nonane | 1.2 mL | ¥109,400 |
| ULM-9465-1.2 | N,N'-Diphenyl-p-phenylenediamine (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥42,200 |

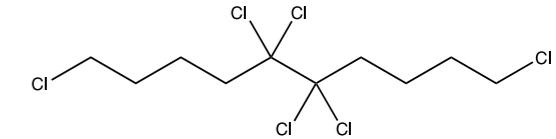
Chlorinated Paraffins

Featured Products

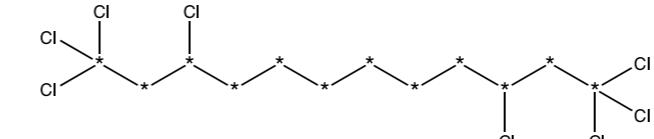
| Catalog No. | Description | Concentration | Amount | Price(¥) |
|--------------|---|---------------------|--------|----------|
| CLM-9000-1.2 | 1,5,5,6,6,10-Hexachlorodecane (¹³ C ₁₀ , 99%) | 100 µg/mL in nonane | 1.2 mL | ¥291,000 |
| ULM-8917-1.2 | 1,5,5,6,6,10-Hexachlorodecane (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥71,000 |
| CLM-9679-1.2 | 1,1,1,3,10,12,12,12-Octachlorododecane (¹³ C ₁₂ , 99%) | 100 µg/mL in nonane | 1.2 mL | ¥284,000 |
| ULM-9485-1.2 | 1,1,1,3,10,12,12,12-Octachlorododecane (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥71,000 |



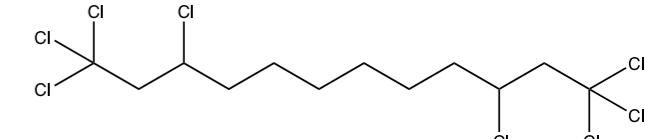
1,5,5,6,6,10-Hexachlorodecane (¹³C₁₀, 99%)



1,5,5,6,6,10-Hexachlorodecane (unlabeled)



1,1,1,3,10,12,12,12-Octachlorododecane (¹³C₁₂, 99%)



1,1,1,3,10,12,12,12-Octachlorododecane (unlabeled)

Bisphenols and Related Products

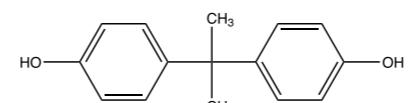
Featured Products

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|---------------------------|--|---------------------------|--------|----------|
| CLM-4325-1.2 | Bisphenol A (ring- ¹³ C ₁₂ , 99%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥125,000 |
| NEW! DLM-2774-1.2 | Bisphenol A (ring-3,3',5,5'-D ₄ , 97%) | 100 µg/mL in methanol-OD | 1.2 mL | お問い合わせ |
| ULM-7106-1.2 | Bisphenol A (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥35,600 |
| CLM-9776-1.2 | Bisphenol AF (ring- ¹³ C ₁₂ , 99%) | 100 µg/mL in methanol | 1.2 mL | ¥141,000 |
| ULM-9779-1.2 | Bisphenol AF (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥47,400 |
| ULM-9830-1.2 | Bisphenol AP (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥47,400 |
| CLM-9851-1.2 | Bisphenol B (ring- ¹³ C ₁₂ , 99%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥144,600 |
| ULM-9852-1.2 | Bisphenol B (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥47,400 |
| ULM-9826-1.2 | Bisphenol E (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥47,400 |
| CLM-9866-1.2 | Bisphenol F (ring- ¹³ C ₁₂ , 99%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥144,600 |
| NEW! DLM-10924-1.2 | Bisphenol F (D ₁₀ , 98%) | 100 µg/mL in methanol-OD | 1.2 mL | ¥112,000 |
| ULM-9827-1.2 | Bisphenol F (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥47,400 |
| ULM-9829-1.2 | Bisphenol P (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥47,400 |
| CLM-9319-1.2 | Bisphenol S (¹³ C ₁₂ , 98%) | 100 µg/mL in methanol | 1.2 mL | ¥144,600 |
| NEW! DLM-10923-1.2 | Bisphenol S (ring-D ₈ , 98%) | 100 µg/mL in methanol-OD | 1.2 mL | ¥112,000 |
| ULM-9320-1.2 | Bisphenol S (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥47,400 |
| ULM-9828-1.2 | Bisphenol Z (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥47,400 |

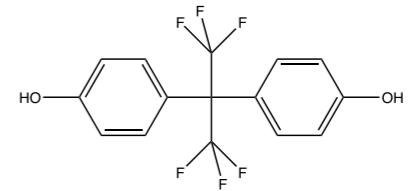
Related Products

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|--------------|--|---------------------------|--------|----------|
| ULM-9831-1.2 | Bisphenol A β-D-glucuronide (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥144,600 |
| ULM-9832-1.2 | Bisphenol A bis-(β-D-glucuronide), disodium salt (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥144,600 |
| ULM-9833-1.2 | Bisphenol A bisulfate, disodium salt (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥109,400 |
| DLM-9193-1.2 | Bisphenol A diglycidyl ether (BADGE) (diglycidyl-D ₁₀ , 98%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥109,400 |
| ULM-9857-1.2 | Bisphenol A diglycidyl ether (BADGE) (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥43,800 |
| CLM-9867-1.2 | Bisphenol F diglycidyl ether (BFDGE) (ring- ¹³ C ₁₂ , 99%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥165,000 |
| ULM-9868-1.2 | Bisphenol F diglycidyl ether (BFDGE) (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥47,400 |

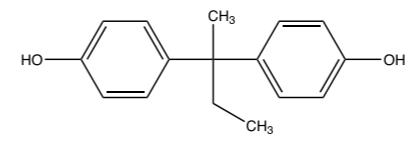
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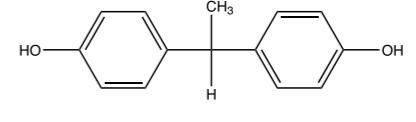
Bisphenol A



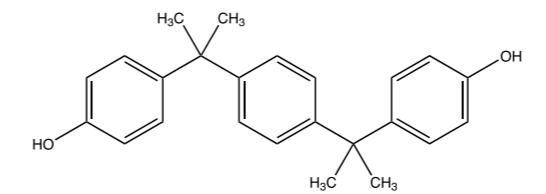
Bisphenol AF



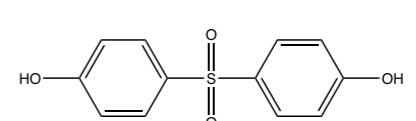
Bisphenol B



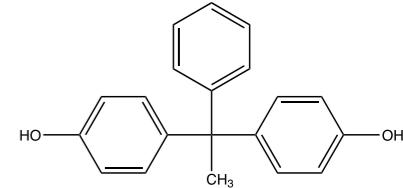
Bisphenol E



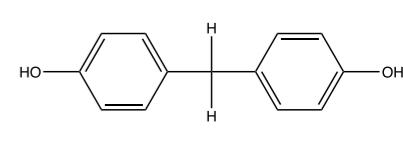
Bisphenol P



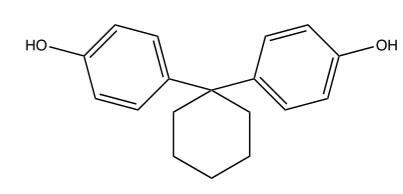
Bisphenol S



Bisphenol AP



Bisphenol F



Bisphenol Z

Cyanotoxins

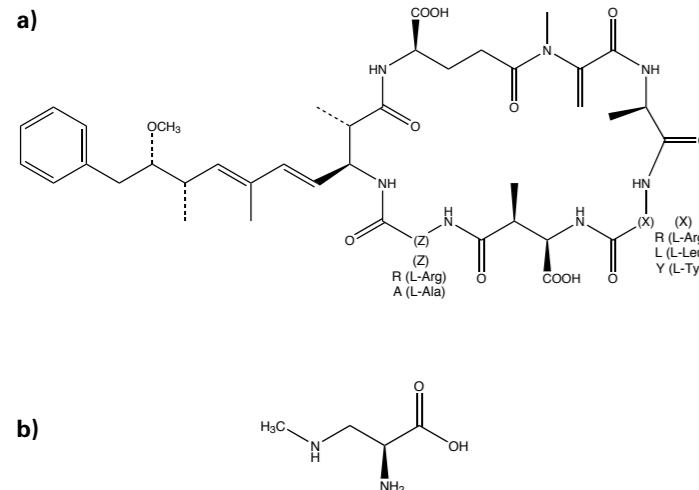
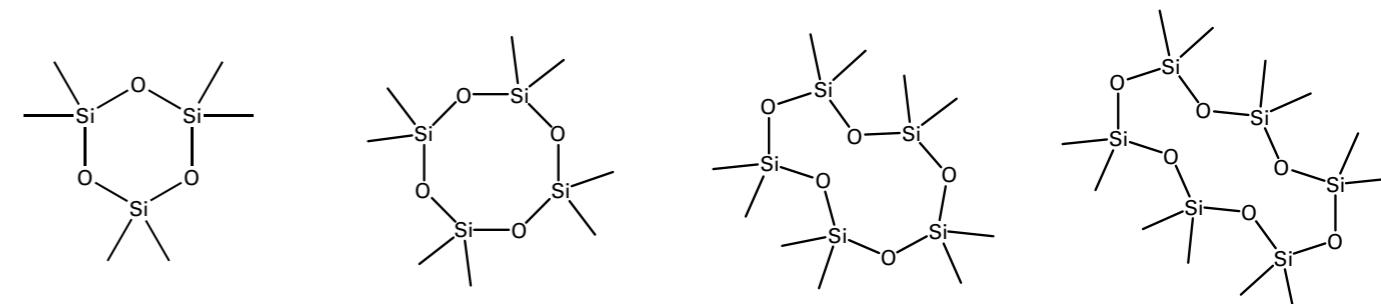


Figure. Chemical structure of featured cyanotoxins – MC in **a**) and BMAA in **b**). The MC structure is cyclo-(D-Ala-L-X-D-isoMeAsp-L-Z-Adda-D-isoGlu-Mdha), where D-isoMeAsp is D-erythro- β -methyl-aspartic acid, Adda is 3-amino-9-methoxy-2,6,8-trimethyl-10-phenyl-4,6-decadienoic acid, and MDha is N-methyl-dehydroalanine.⁶ The X and Z positions are variable L-amino acids that determine the suffix in the MC nomenclature (e.g., MC-LR has L at X and R at Z).

Cyclic Volatile Methyl Siloxanes (cVMS)



Hexamethylcyclotrisiloxane (D3) Octamethylcyclotetrasiloxane (D4) Decamethylcyclopentasiloxane (D5) Dodecamethylcyclohexasiloxane (D6)

Featured Products

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|-------------------|---|----------------------------------|--------|----------|
| DLM-10260-0.025MG | Microcystin-LR, ethylated (D ₅ , 98%) | Neat | 25 µg | ¥113,000 |
| NLM-10295-1.2 | Microcystin-LR (¹⁵ N ₁₀ , 98%) | 10 µg/mL in methanol:water (1:1) | 1.2 mL | ¥170,400 |
| ULM-10342-1.2 | Microcystin-LR (unlabeled) | 10 µg/mL in methanol:water (1:1) | 1.2 mL | ¥51,200 |
| NLM-10340-1.2 | Microcystin-RR (¹⁵ N ₁₃ , 98%) | 10 µg/mL in methanol:water (1:1) | 1.2 mL | ¥170,400 |
| ULM-10341-1.2 | Microcystin-RR (unlabeled) | 10 µg/mL in methanol:water (1:1) | 1.2 mL | ¥51,200 |
| NLM-10343-1.2 | Microcystin-YR (¹⁵ N ₁₀ , 98%) | 10 µg/mL in methanol:water (1:1) | 1.2 mL | ¥197,600 |
| ULM-10344-1.2 | Microcystin-YR (unlabeled) | 10 µg/mL in methanol:water (1:1) | 1.2 mL | ¥69,800 |
| NLM-10345-1.2 | Microcystin-LA (¹⁵ N ₉ , 98%) | 10 µg/mL in methanol:water (1:1) | 1.2 mL | ¥197,600 |
| ULM-10346-1.2 | Microcystin-LA (unlabeled) | 10 µg/mL in methanol:water (1:1) | 1.2 mL | ¥69,800 |
| CNLM-10424-1.2* | β -N-Methylamino-L-alanine (BMAA) (¹³ C ₃ , 99%; ¹⁵ N ₂ , 98%) | 100 µg/mL in 0.1 M HCl | 1.2 mL | ¥168,200 |
| ULM-10493-1.2 | β -N-Methylamino-L-alanine (BMAA) (unlabeled) | 100 µg/mL in 0.1 M HCl | 1.2 mL | ¥48,000 |

*US Patent No. 11,370,812

Featured Products

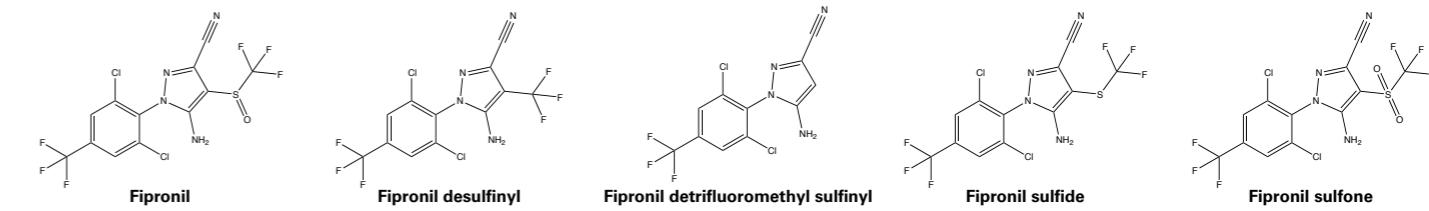
| Catalog No. | Description | Concentration | Amount | Price(¥) |
|-----------------|---|-----------------------|--------|----------|
| CLM-9542-1.2 | Hexamethylcyclotrisiloxane (D3) (hexamethyl- ¹³ C ₆ , 98%) | 100 µg/mL in MTBE | 1.2 mL | ¥284,000 |
| ULM-9687-1.2 | Hexamethylcyclotrisiloxane (D3) (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥55,600 |
| CLM-9436-MT-1.2 | Octamethylcyclotetrasiloxane (D4) (octamethyl- ¹³ C ₈ , 98%) | 100 µg/mL in MTBE | 1.2 mL | ¥274,000 |
| ULM-9441-MT-1.2 | Octamethylcyclotetrasiloxane (D4) (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥62,400 |
| CLM-9437-MT-1.2 | Decamethylcyclopentasiloxane (D5) (decamethyl- ¹³ C ₁₀ , 98%) | 100 µg/mL in MTBE | 1.2 mL | ¥274,000 |
| ULM-9442-MT-1.2 | Decamethylcyclopentasiloxane (D5) (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥61,000 |
| CLM-10232-1.2 | Dodecamethylcyclohexasiloxane (D6) (methyl- ¹³ C ₆ , 98%) | 100 µg/mL in methanol | 1.2 mL | ¥274,000 |
| ULM-9443-1.2 | Dodecamethylcyclohexasiloxane (D6) (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥64,000 |

Ethylene Oxide and 2-Chloroethanol

Featured Products

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|----------------|---|----------------------------------|---------|----------|
| CDLM-10834-1.2 | Ethylene oxide ($^{13}\text{C}_2$, 99%; D_4 , 98%) (stabilized with 0.1% hydroquinone) | 1000 µg/mL in methylene chloride | Inquire | お問い合わせ |
| DLM-271-1.2 | Ethylene oxide (D_4 , 98%) (stabilized with 0.1% hydroquinone) | 1000 µg/mL in methylene chloride | 1.2 mL | ¥63,800 |
| ULM-12324-1.2 | Ethylene oxide (unlabeled) (stabilized with 0.1% hydroquinone) | 1000 µg/mL in methylene chloride | Inquire | お問い合わせ |
| DLM-1928-1.2 | 2-Chloroethanol (1,1,2,2-D ₄ , 98%) | 1000 µg/mL in methanol | 1.2 mL | ¥67,000 |
| ULM-12311-1.2 | 2-Chloroethanol (unlabeled) | 1000 µg/mL in methanol | 1.2 mL | ¥33,000 |

Fipronil



Featured Products

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|------------------|---|-----------------------|--------|----------|
| CNLM-9636-MT-1.2 | Fipronil (3-cyano, pyrazole-3,4,5- $^{13}\text{C}_4$, 99%; 3-cyano, 5- $^{15}\text{N}_2$, 98%) | 100 µg/mL in MTBE | 1.2 mL | ¥169,000 |
| ULM-9635-MT-1.2 | Fipronil (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥35,400 |
| CNLM-9647-1.2 | Fipronil desulfinyl (3-cyano, pyrazole-3,4,5- $^{13}\text{C}_4$, 99%; 3-cyano, 5- $^{15}\text{N}_2$, 98%) | 100 µg/mL in methanol | 1.2 mL | ¥169,000 |
| ULM-9646-1.2 | Fipronil desulfinyl (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥35,400 |
| CNLM-9650-1.2 | Fipronil detrifluoromethyl sulfinyl ($^{13}\text{C}_4$, 99%; $^{15}\text{N}_2$, 98%) | 100 µg/mL in methanol | 1.2 mL | ¥171,800 |
| ULM-9649-1.2 | Fipronil detrifluoromethyl sulfinyl (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥35,400 |
| CNLM-9645-1.2 | Fipronil sulfide (3-cyano, pyrazole-3,4,5- $^{13}\text{C}_4$, 99%; 3-cyano, 5- $^{15}\text{N}_2$, 98%) | 100 µg/mL in methanol | 1.2 mL | ¥169,000 |
| ULM-9644-1.2 | Fipronil sulfide (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥35,400 |
| CNLM-9643-1.2 | Fipronil sulfone (3-cyano, pyrazole-3,4,5- $^{13}\text{C}_4$, 99%; 3-cyano, 5- $^{15}\text{N}_2$, 98%) | 100 µg/mL in methanol | 1.2 mL | ¥169,000 |
| ULM-9642-1.2 | Fipronil sulfone (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥35,400 |

Related Compounds: Neonicotinoids



Flame Retardant Standards

Isotope-Labeled Individual Brominated Diphenyl Ether (BDE) Standards

| Catalog No. | Compound | BDE | Concentration | Unit Size | Price(¥) |
|--------------|---|-----|--------------------|-----------|----------|
| CLM-1587-1.2 | Diphenyl ether (¹³ C ₁₂ , 99%) | 0 | 50 µg/mL in nonane | 1.2 mL | ¥192,000 |
| EO-4999 | 4-MonoBDE (¹³ C ₁₂ , 99%) | 3 | 50 µg/mL in nonane | 1.2 mL | ¥259,400 |
| EO-5001 | 4,4'-DiBDE (¹³ C ₁₂ , 99%) | 15 | 50 µg/mL in nonane | 1.2 mL | ¥259,400 |
| EO-5002 | 2,4,4'-TriBDE (¹³ C ₁₂ , 99%) | 28 | 50 µg/mL in nonane | 1.2 mL | ¥259,400 |
| EO-4982 | 2,2',4,4'-TetraBDE (¹³ C ₁₂ , 99%) | 47 | 50 µg/mL in nonane | 1.2 mL | ¥259,400 |
| EO-1439 | 3,3',4,4'-TetraBDE (¹³ C ₁₂ , 99%) | 77 | 50 µg/mL in nonane | 1.2 mL | ¥307,600 |
| EO-4983 | 2,2',4,4',5-PentaBDE (¹³ C ₁₂ , 99%) | 99 | 50 µg/mL in nonane | 1.2 mL | ¥307,600 |
| EO-4993 | 2,2',4,4',6-PentaBDE (¹³ C ₁₂ , 99%) | 100 | 50 µg/mL in nonane | 1.2 mL | ¥307,600 |
| EO-5034 | 2,3',4,4',5-PentaBDE (¹³ C ₁₂ , 99%) | 118 | 50 µg/mL in nonane | 1.2 mL | ¥307,600 |
| EO-4930 | 3,3',4,4',5-PentaBDE (¹³ C ₁₂ , 99%) | 126 | 50 µg/mL in nonane | 1.2 mL | ¥211,400 |
| EO-5035 | 2,2',3,4,4',5'-HexaBDE (¹³ C ₁₂ , 99%) | 138 | 50 µg/mL in nonane | 1.2 mL | ¥268,600 |
| EO-5165 | 2,2',3,4,4',6-HexaBDE (¹³ C ₁₂ , 99%) | 139 | 50 µg/mL in nonane | 1.2 mL | ¥307,600 |
| EO-4984 | 2,2',4,4',5,5'-HexaBDE (¹³ C ₁₂ , 99%) | 153 | 50 µg/mL in nonane | 1.2 mL | ¥307,600 |
| EO-5161 | 2,2',4,4',5,6'-HexaBDE (¹³ C ₁₂ , 99%) | 154 | 50 µg/mL in nonane | 1.2 mL | ¥307,600 |
| EO-5413 | 2,2',4,4',6,6'-HexaBDE (¹³ C ₁₂ , 99%) | 155 | 50 µg/mL in nonane | 1.2 mL | ¥259,400 |
| EO-4985 | 2,2',3,4,4',5',6-HeptaBDE (¹³ C ₁₂ , 99%) | 183 | 50 µg/mL in nonane | 1.2 mL | ¥307,600 |
| EO-5376 | 2,3,3',4,4',5,6-HeptaBDE (¹³ C ₁₂ , 99%) | 190 | 50 µg/mL in nonane | 1.2 mL | ¥307,600 |
| EO-5337 | 2,2',3,3',4,4',6,6'-OctaBDE (¹³ C ₁₂ , 99%) | 197 | 50 µg/mL in nonane | 1.2 mL | ¥307,600 |
| EO-5377 | 2,2',3,4,4',5,5',6-OctaBDE (¹³ C ₁₂ , 99%) | 203 | 50 µg/mL in nonane | 1.2 mL | ¥307,600 |
| EO-5355 | 2,2',3,4,4',5,6,6'-OctaBDE (¹³ C ₁₂ , 99%) | 204 | 50 µg/mL in nonane | 1.2 mL | ¥307,600 |
| EO-5362 | 2,3,3',4,4',5,5',6-OctaBDE (¹³ C ₁₂ , 99%) | 205 | 50 µg/mL in nonane | 1.2 mL | ¥307,600 |
| EO-5240 | 2,2',3,3',4,4',5,5',6-NonaBDE (¹³ C ₁₂ , 99%) | 206 | 50 µg/mL in nonane | 1.2 mL | ¥307,600 |
| EO-5241 | 2,2',3,3',4,4',5,6,6'-NonaBDE (¹³ C ₁₂ , 99%) | 207 | 50 µg/mL in nonane | 1.2 mL | ¥307,600 |
| EO-5242 | 2,2',3,3',4,4',5,5',6,6'-NonaBDE (¹³ C ₁₂ , 99%) | 208 | 50 µg/mL in nonane | 1.2 mL | ¥307,600 |
| EO-5003 | DecaBDE (¹³ C ₁₂ , 99%) | 209 | 50 µg/mL in nonane | 1.2 mL | ¥279,000 |

Continued ▶

Unlabeled Individual Brominated Diphenyl Ether (BDE) Standards

| Catalog No. | Compound | BDE | Concentration | Unit Size | Price(¥) |
|-------------|-------------------------------|-----|--------------------|-----------|----------|
| BDE-1-CS | 2-MonoBDE | 1 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-2-CS | 3-MonoBDE | 2 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-3-CS | 4-MonoBDE | 3 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-7-CS | 2,4-DiBDE | 7 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-8-CS | 2,4'-DiBDE | 8 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-10-CS | 2,6-DiBDE | 10 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-11-CS | 3,3'-DiBDE | 11 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-12-CS | 3,4-DiBDE | 12 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-13-CS | 3,4'-DiBDE | 13 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-15-CS | 4,4'-DiBDE | 15 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-17-CS | 2,2',4-TriBDE | 17 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-25-CS | 2,3',4-TriBDE | 25 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-28-CS | 2,4,4'-TriBDE | 28 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-30-CS | 2,4,6-TriBDE | 30 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-32-CS | 2,4',6-TriBDE | 32 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-33-CS | 2',3,4-TriBDE | 33 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-35-CS | 3,3',4-TriBDE | 35 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-37-CS | 3,4,4'-TriBDE | 37 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-47-CS | 2,2',4,4'-TetraBDE | 47 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-49-CS | 2,2',4,5-TetraBDE | 49 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-51-CS | 2,2',4,6-TetraBDE | 51 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-66-CS | 2,3',4,4'-TetraBDE | 66 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-71-CS | 2,3',4',6-TetraBDE | 71 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-75-CS | 2,4,4',6-TetraBDE | 75 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-77-CS | 3,3',4,4'-TetraBDE | 77 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-79-CS | 3,3',4,5-TetraBDE | 79 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-85-CS | 2,2',3,4,4'-PentaBDE | 85 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-99-CS | 2,2',4,4',5-PentaBDE | 99 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-100-CS | 2,2',4,4',6-PentaBDE | 100 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-105-CS | 2,3,3',4,4'-PentaBDE | 105 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-116-CS | 2,3,4,5,6-PentaBDE | 116 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-118-CS | 2,3',4,4',5-PentaBDE | 118 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-119-CS | 2,3',4,4',6-PentaBDE | 119 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-120-CS | 2,3',4,5,5'-PentaBDE | 120 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-126-CS | 3,3',4,4',5-PentaBDE | 126 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-128-CS | 2,2',3,3',4,4'-HexaBDE | 128 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-138-CS | 2,2',3,4,4',5-HexaBDE | 138 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-139-CS | 2,2',3,4,4',6-HexaBDE | 139 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-140-CS | 2,2',3,4,4',6'-HexaBDE | 140 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-148-CS | 2,2',3,4',5,6'-HexaBDE | 148 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-153-CS | 2,2',4,4',5,5'-HexaBDE | 153 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-154-CS | 2,2',4,4',5,6'-HexaBDE | 154 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-155-CS | 2,2',4,4',6,6'-HexaBDE | 155 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-166-CS | 2,3,4,4',5,6-HexaBDE | 166 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |
| BDE-175-CS | 2,2',3,3',4,5'-HeptaBDE | 175 | 50 µg/mL in nonane | 1.2 mL | ¥81,000 |
| BDE-181-CS | 2,2',3,4,4',5,6-HeptaBDE | 181 | 50 µg/mL in nonane | 1.2 mL | ¥81,000 |
| BDE-183-CS | 2,2',3,4,4',5',6-HeptaBDE | 183 | 50 µg/mL in nonane | 1.2 mL | ¥81,000 |
| BDE-190-CS | 2,3,3',4,4',5,6-HeptaBDE | 190 | 50 µg/mL in nonane | 1.2 mL | ¥81,000 |
| BDE-196-CS | 2,2',3,3',4,4',5,6'-OctaBDE | 196 | 50 µg/mL in nonane | 1.2 mL | ¥82,000 |
| BDE-197-CS | 2,2',3,3',4,4',6,6'-OctaBDE | 197 | 50 µg/mL in nonane | 1.2 mL | ¥81,000 |
| BDE-203-CS | 2,2',3,4,4',5,5',6-OctaBDE | 203 | 50 µg/mL in nonane | 1.2 mL | ¥81,000 |
| BDE-204-CS | 2,2',3,4,4',5,6,6'-OctaBDE | 204 | 50 µg/mL in nonane | 1.2 mL | ¥81,000 |
| BDE-205-CS | 2,3,3',4,4',5,5',6-OctaBDE | 205 | 50 µg/mL in nonane | 1.2 mL | ¥81,000 |
| BDE-206-CS | 2,2',3,3',4,4',5,5',6-NonaBDE | 206 | 50 µg/mL in nonane | 1.2 mL | ¥81,000 |
| BDE-207-CS | 2,2',3,3',4,4',5,5',6-NonaBDE | 207 | 50 µg/mL in nonane | 1.2 mL | ¥81,000 |
| BDE-208-CS | 2,2',3,3',4,4',5,5',6-NonaBDE | 208 | 50 µg/mL in nonane | 1.2 mL | ¥81,000 |
| BDE-209-CS | DecaBDE | 209 | 50 µg/mL in nonane | 1.2 mL | ¥70,000 |



Alternative Halogenated Flame Retardants

| Catalog No. | Compound | Concentration | Unit Size | Price(¥) |
|----------------|--|----------------------|-----------|----------|
| CLM-9282-1.2 | Dechlorane 602 (1,2,3,4,6,7,8,9,10,11- ¹³ C ₁₀ , 99%) | 100 µg/mL in nonane | 1.2 mL | ¥278,200 |
| ULM-9283-1.2 | Dechlorane 602 (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥70,200 |
| ULM-9621-1.2 | Dechlorane 603 (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥70,200 |
| ULM-9622-1.2 | Dechlorane 604 (Component A) (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥70,200 |
| ULM-7777-1.2 | Dechlorane Plus technical product (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥55,200 |
| CLM-8569-1.2 | Dechlorane Plus syn (bis-cyclopentene- ¹³ C ₁₀ , 99%) | 100 µg/mL in nonane | 1.2 mL | ¥278,200 |
| CLM-8569-T-1.2 | Dechlorane Plus syn (bis-cyclopentene- ¹³ C ₁₀ , 99%) | 100 µg/mL in toluene | 1.2 mL | ¥278,200 |
| ULM-7886-1.2 | Dechlorane Plus syn (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥70,200 |
| ULM-7886-T-1.2 | Dechlorane Plus syn (unlabeled) | 100 µg/mL in toluene | 1.2 mL | ¥70,200 |
| CLM-8588-1.2 | Dechlorane Plus anti (bis-cyclopentene- ¹³ C ₁₀ , 99%) | 100 µg/mL in nonane | 1.2 mL | ¥278,200 |
| CLM-8588-T-1.2 | Dechlorane Plus anti (bis-cyclopentene- ¹³ C ₁₀ , 99%) | 100 µg/mL in toluene | 1.2 mL | ¥278,200 |
| ULM-7887-1.2 | Dechlorane Plus anti (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥70,200 |
| ULM-7887-T-1.2 | Dechlorane Plus anti (unlabeled) | 100 µg/mL in toluene | 1.2 mL | ¥70,200 |
| CLM-4813-1.2 | Mirex (¹³ C ₁₀ , 98%) | 100 µg/mL in nonane | 1.2 mL | ¥359,800 |
| ULM-2427-1.2 | Mirex (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥35,400 |
| ULM-10353-1.2 | Pentabromoethylbenzene (PBEB) (unlabeled) | 100 µg/mL in toluene | 1.2 mL | ¥35,400 |
| CLM-9535-1.2 | Tris(2,4,6-tribromophenoxy)-1,3,5-triazine (TTBP-TAZ) (¹³ C ₁₈ , 99%) | 50 µg/mL in dioxane | 1.2 mL | ¥181,600 |
| ULM-9506-1.2 | Tris(2,4,6-tribromophenoxy)-1,3,5-triazine (TTBP-TAZ) (unlabeled) | 50 µg/mL in dioxane | 1.2 mL | ¥55,200 |

Firemaster® 550

| Catalog No. | Compound | Concentration | Unit Size | Price(¥) |
|--------------|---|---------------------|-----------|----------|
| DLM-9945-1.2 | TBB (2-ethylhexyl-2,3,4,5-tetrabromobenzoate) (D ₁₇ , 98%) | 50 µg/mL in toluene | 1.2 mL | ¥108,400 |
| ULM-9944-1.2 | TBB (2-ethylhexyl-2,3,4,5-tetrabromobenzoate) (unlabeled) | 50 µg/mL in toluene | 1.2 mL | ¥35,400 |
| DLM-9947-1.2 | TBPH (bis(2-ethylhexyl)tetra(bromophthalate) (D ₃₄ , 98%) | 50 µg/mL in toluene | 1.2 mL | ¥100,000 |
| ULM-9946-1.2 | TBPH (bis(2-ethylhexyl)tetra(bromophthalate) (unlabeled) | 50 µg/mL in toluene | 1.2 mL | ¥35,400 |

Hexabromocyclododecane and Tetrabromobisphenol A

| Catalog No. | Compound | Concentration | Unit Size | Price(¥) |
|----------------|--|----------------------|-----------|----------|
| CLM-7102-1.2 | Hexabromocyclododecane (¹³ C ₁₂ , 99%) (unequal mix of 3 isomers) | 50 µg/mL in toluene | 1.2 mL | ¥290,000 |
| CLM-7922-0.5 | α-Hexabromocyclododecane (¹³ C ₁₂ , 99%) | 50 µg/mL in toluene | 0.5 mL | ¥178,400 |
| ULM-4834-1.2 | α-Hexabromocyclododecane (unlabeled) | 50 µg/mL in toluene | 1.2 mL | ¥110,000 |
| CLM-7923-1.2 | β-Hexabromocyclododecane (¹³ C ₁₂ , 99%) | 50 µg/mL in toluene | 1.2 mL | ¥249,800 |
| ULM-4835-1.2 | β-Hexabromocyclododecane (unlabeled) | 50 µg/mL in toluene | 1.2 mL | ¥110,000 |
| CLM-7924-1.2 | γ-Hexabromocyclododecane (¹³ C ₁₂ , 99%) | 50 µg/mL in toluene | 1.2 mL | ¥249,800 |
| ULM-4836-1.2 | γ-Hexabromocyclododecane (unlabeled) | 50 µg/mL in toluene | 1.2 mL | ¥110,000 |
| CLM-4694-1.2 | Tetrabromobisphenol A (¹³ C ₁₂ , 99%) | 50 µg/mL in methanol | 1.2 mL | ¥143,400 |
| CLM-4694-T-1.2 | Tetrabromobisphenol A (¹³ C ₁₂ , 99%) | 50 µg/mL in toluene | 1.2 mL | ¥141,000 |
| ULM-8734-1.2 | Tetrabromobisphenol A (unlabeled) | 50 µg/mL in methanol | 1.2 mL | ¥46,800 |
| ULM-8734-T-1.2 | Tetrabromobisphenol A (unlabeled) | 50 µg/mL in toluene | 1.2 mL | ¥46,000 |
| CLM-9374-1.2 | Dimethyl tetrabromobisphenol A (¹³ C ₁₂ , 99%) | 100 µg/mL in toluene | 1.2 mL | ¥158,400 |
| ULM-6236-1.2 | Dimethyl tetrabromobisphenol A (unlabeled) | 50 µg/mL in nonane | 1.2 mL | ¥70,200 |

Brominated Diphenyl Ether (BDE) Technical Mixtures

| Catalog No. | Compound | Concentration | Unit Size | Price(¥) |
|-------------|--|----------------------|-----------|----------|
| EO-4958-1.2 | Pentabromodiphenyl Ether Technical Mix (Bromkal™ 70-5) | 50 µg/mL in methanol | 1.2 mL | ¥106,600 |
| EO-5031 | Pentabromodiphenyl Ether Technical Mix (DE-71™) | 50 µg/mL in methanol | 1.2 mL | ¥106,600 |
| EO-5030 | Octabromodiphenyl Ether Technical Mix (DE-79™) | 50 µg/mL in methanol | 1.2 mL | ¥106,600 |
| EO-5060 | Decabromodiphenyl Ether Technical Mix (Saytex® 102E) | 10 µg/mL in methanol | 10 mL | ¥106,600 |

Bromkal is a trademark of Chemische Fabrik Kalk GmbH. DE-71 is a trademark of Chemtura (Great Lakes Chemical Company). DE-79 is a trademark of Chemtura (Great Lakes Chemical Company). Saytex is a registered trademark of Albemarle Corporation.

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RoHS Brominated Diphenyl Ether (BDE) Standard Mixtures

| Catalog No. | Description | Unit Size | Price(¥) |
|--|---|-----------------------------|----------|
| EO-5402 | RoHS PBDE Calibration Solutions [CS1-CS5] | Set of 5 × 0.2 mL in nonane | ¥856,200 |
| <i>All concentrations are in ng/mL</i> | | | |
| Unlabeled | | | |
| 4-MonoBDE | 3 | 1 | 5 |
| 2,4-DiBDE | 7 | 1 | 5 |
| 4,4'-DiBDE | 15 | 1 | 5 |
| 2,2',4-TriBDE | 17 | 1 | 5 |
| 2,4,4'-TriBDE | 28 | 1 | 5 |
| 2,2',4,4'-TetraBDE | 47 | 1 | 5 |
| 2,2',4,5'-TetraBDE | 49 | 1 | 5 |
| 2,3',4,4'-TetraBDE | 66 | 1 | 5 |
| 2,3',4,4',6-TetraBDE | 71 | 1 | 5 |
| 3,3',4,4'-TetraBDE | 77 | 1 | 5 |
| 2,2',3,4,4'-PentaBDE | 85 | 1 | 5 |
| 2,2',4,4',5-PentaBDE | 99 | 1 | 5 |
| 2,2',4,4',6-PentaBDE | 100 | 1 | 5 |
| 2,3',4,4',6-PentaBDE | 119 | 1 | 5 |
| 3,3',4,4',5-PentaBDE | 126 | 1 | 5 |
| 2,2',3,4,4',5'-HexaBDE | 138 | 2 | 10 |
| 2,2',4,4',5,5'-HexaBDE | 153 | 2 | 10 |
| 2,2',4,4',5,6'-HexaBDE | 154 | 2 | 10 |
| 2,2',4,4',6,6'-HexaBDE | 155 | 2 | 10 |
| 2,3,4,4',5,6-HexaBDE | 166 | 2 | 10 |
| 2,2',3,4,4',5,6-HeptaBDE | 181 | 2 | 10 |
| 2,2',3,4,4',5',6-HeptaBDE | 183 | 2 | 10 |
| 2,3,3',4,4',5,6-HeptaBDE | 190 | 2 | 10 |
| 2,2',3,4,4',5,5',6-OctaBDE | 203 | 2 | 10 |
| 2,3,3',4,4',5,5',6-OctaBDE | 205 | 2 | 10 |
| 2,2',3,3',4,4',5,5',6-NonaBDE | 206 | 5 | 25 |
| 2,2',3,3',4,4',5,6,6'-NonaBDE | 207 | 5 | 25 |
| DecaBDE | 209 | 5 | 25 |
| Cleanup | | | |
| 4-MonoBDE (¹³ C ₁₂ , 99%) | 3 | 100 | 100 |
| 4,4'-DiBDE (¹³ C ₁₂ , 99%) | 15 | 100 | 100 |
| 2,4,4'-TriBDE (¹³ C ₁₂ , 99%) | 28 | 100 | 100 |
| 2,2',4,4'-TetraBDE (¹³ C ₁₂ , 99%) | 47 | 100 | 100 |
| 2,2',4,4',5-PentaBDE (¹³ C ₁₂ , 99%) | 99 | 100 | 100 |
| 2,2',4,4',5,5'-HexaBDE (¹³ C ₁₂ , 99%) | 153 | 200 | 200 |
| 2,2',4,4',5,6'-HexaBDE (¹³ C ₁₂ , 99%) | 154 | 200 | 200 |
| 2,2',3,4,4',5',6-HeptaBDE (¹³ C ₁₂ , 99%) | 183 | 200 | 200 |
| 2,2',3,4,4',5,6,6'-OctaBDE (¹³ C ₁₂ , 99%) | 204 | 200 | 200 |
| 2,2',3,3',4,4',5,6,6'-NonaBDE (¹³ C ₁₂ , 99%) | 207 | 500 | 500 |
| DecaBDE (¹³ C ₁₂ , 99%) | 209 | 500 | 500 |
| Syringe | | | |
| 2,2',3,4,4',5'-HexaBDE (¹³ C ₁₂ , 99%) | 138 | 200 | 200 |



Cambridge Isotope Laboratories, Inc.

RoHS Brominated Diphenyl Ether (BDE) Standard Mixtures

| Catalog No. | Description | Unit Size | Price(¥) |
|-----------------|-----------------------------|------------------|------------|
| EO-5403 | RoHS PBDE Cleanup Spike | 1.2 mL in nonane | ¥272,000 |
| EO-5403-10X-1.2 | RoHS PBDE Cleanup 10X Spike | 1.2 mL in nonane | ¥1,134,800 |

| Labeled | BDE | EO-5403 (ng/mL) | EO-5403-10X-1 (ng/mL) |
|---|-----|--------------------|--------------------------|
| 4-MonoBDE ($^{13}\text{C}_{12}$, 99%) | 3 | 100 | 1000 |
| 4,4'-DiBDE ($^{13}\text{C}_{12}$, 99%) | 15 | 100 | 1000 |
| 2,4,4'-TriBDE ($^{13}\text{C}_{12}$, 99%) | 28 | 100 | 1000 |
| 2,2',4,4'-TetraBDE ($^{13}\text{C}_{12}$, 99%) | 47 | 100 | 1000 |
| 2,2',4,4',5-PentaBDE ($^{13}\text{C}_{12}$, 99%) | 99 | 100 | 1000 |
| 2,2',4,4',5,5'-HexaBDE ($^{13}\text{C}_{12}$, 99%) | 153 | 200 | 1000 |
| 2,2',4,4',5,6'-HexaBDE ($^{13}\text{C}_{12}$, 99%) | 154 | 200 | 1000 |
| 2,2',3,4,4',5',6-HeptaBDE ($^{13}\text{C}_{12}$, 99%) | 183 | 200 | 1000 |
| 2,2',3,4,4',5,6,6'-OctaBDE ($^{13}\text{C}_{12}$, 99%) | 204 | 200 | 1000 |
| 2,2',3,3',4,4',5,6,6'-NonaBDE ($^{13}\text{C}_{12}$, 99%) | 207 | 500 | 1000 |
| DecaBDE ($^{13}\text{C}_{12}$, 99%) | 209 | 500 | 1000 |

| | | | |
|----------------|---|-----------------------|---------|
| EO-5404 | RoHS PBDE Syringe Spike | 1.2 mL in nonane | ¥88,800 |
| Labeled | BDE 2,2',3,4,4',5'-HexaBDE ($^{13}\text{C}_{12}$, 99%) | (ng/mL) 138 200 | |

EO-5405 RoHS Native PAR Spike 1.2 mL in nonane \$277,200

| Unlabeled | BDE | (ng/mL) |
|-------------------------------|-----|---------|
| 4-MonoBDE | 3 | 1000 |
| 2,4-DiBDE | 7 | 1000 |
| 4,4'-DiBDE | 15 | 1000 |
| 2,2',4-TriBDE | 17 | 1000 |
| 2,4,4'-TriBDE | 28 | 1000 |
| 2,2',4,4'-TetraBDE | 47 | 1000 |
| 2,2',4,5'-TetraBDE | 49 | 1000 |
| 2,3',4,4'-TetraBDE | 66 | 1000 |
| 2,3',4',6-TetraBDE | 71 | 1000 |
| 3,3',4,4'-TetraBDE | 77 | 1000 |
| 2,2',3,4,4'-PentaBDE | 85 | 1000 |
| 2,2',4,4',5-PentaBDE | 99 | 1000 |
| 2,2',4,4',6-PentaBDE | 100 | 1000 |
| 2,3',4,4',6-PentaBDE | 119 | 1000 |
| 3,3',4,4',5-PentaBDE | 126 | 1000 |
| 2,2',3,4,4',5'-HexaBDE | 138 | 1000 |
| 2,2',4,4',5,5'-HexaBDE | 153 | 1000 |
| 2,2',4,4',5,6'-HexaBDE | 154 | 1000 |
| 2,2',4,4',6,6'-HexaBDE | 155 | 1000 |
| 2,3,4,4',5,6-HexaBDE | 166 | 1000 |
| 2,2',3,4,4',5,6-HeptaBDE | 181 | 1000 |
| 2,2',3,4,4',5',6-HeptaBDE | 183 | 1000 |
| 2,3,3',4,4',5,6-HeptaBDE | 190 | 1000 |
| 2,2',3,4,4',5,5',6-OctaBDE | 203 | 1000 |
| 2,3,3',4,4',5,5',6-OctaBDE | 205 | 1000 |
| 2,2',3,3',4,4',5,5',6-NonaBDE | 206 | 1000 |
| 2,2',3,3',4,4',5,6,6'-NonaBDE | 207 | 1000 |
| DecaBDE | 209 | 1000 |

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Brominated Flame Retardant Standard Mixtures

| Catalog No. | Description | Unit Size | Price(¥) |
|-------------|--|------------------------------|------------|
| EO-5319-A | CDC BFR Calibration Standards [CS1-CS10] | Set of 10 × 0.5 mL in nonane | ¥1,044,200 |



Brominated Flame Retardant Standard Mixtures

| Catalog No. | Description | | Unit Size | Price(¥) |
|---|-------------------------------|----------|--|--------------------------|
| EO-5320-A | CDC BFR Spiking Standard | | 10 mL in methanol | ¥280,800 |
| EO-5320-200X-1.2 | CDC BFR Spiking Standard | | 1.2 mL in nonane/toluene | ¥932,400 |
| Labeled | | Congener | EO-5320-A (ng/mL) | EO-5320-200X-1.2 (ng/mL) |
| 2,4,4'-TriBDE (¹³ C ₁₂ , 99%) | | 28 | 7.5 | 1500 |
| 2,2',4,4'-TetraBDE (¹³ C ₁₂ , 99%) | | 47 | 7.5 | 1500 |
| 2,2',4,4',5-PentaBDE (¹³ C ₁₂ , 99%) | | 99 | 7.5 | 1500 |
| 2,2',4,4',6-PentaBDE (¹³ C ₁₂ , 99%) | | 100 | 7.5 | 1500 |
| 2,2',4,4',5,5'-HexaBDE (¹³ C ₁₂ , 99%) | | 153 | 7.5 | 1500 |
| 2,2',4,4',5,6'-HexaBDE (¹³ C ₁₂ , 99%) | | 154 | 7.5 | 1500 |
| 2,2',3,4,4',5',6-HeptaBDE (¹³ C ₁₂ , 99%) | | 183 | 7.5 | 1500 |
| 2,2',3,3',4,4',6,6'-OctaBDE (¹³ C ₁₂ , 99%) | | 197 | 7.5 | 1500 |
| 2,2',3,4,4',5,5',6-OctaBDE (¹³ C ₁₂ , 99%) | | 203 | 7.5 | 1500 |
| 2,2',3,3',4,4',5,5'-NonaBDE (¹³ C ₁₂ , 99%) | | 206 | 7.5 | 1500 |
| 2,2',3,3',4,4',5,6,6'-NonaBDE (¹³ C ₁₂ , 99%) | | 207 | 7.5 | 1500 |
| 2,2',3,3',4,5,5',6,6'-NonaBDE (¹³ C ₁₂ , 99%) | | 208 | 7.5 | 1500 |
| DecaBDE (¹³ C ₁₂ , 99%) | | 209 | 50 | 10,000 |
| 2,2',4,4',5,5'-HexaBB (¹³ C ₁₂ , 99%) | PBB-153 | | 7.5 | 1500 |
| Hexabromobenzene (¹³ C ₆ , 99%) | | | 7.5 | 1500 |
| 1,2-Bis(pentabromophenyl)ethane (¹³ C ₁₄ , 99%) | | | 7.5 | 1500 |
| 1,2-Bis(2,4,6-tribromophenoxy)ethane (¹³ C ₁₂ , 99%) | | | 7.5 | 1500 |
| λ-Hexabromocyclododecane (¹³ C ₁₂ , 99%) | | | 7.5 | 1500 |
| EO-5169 | BFR Recovery Spiking Solution | | 10 mL in 88% hexane/ 2% dodecane/10% nonane | お問い合わせ |
| Labeled | | Congener | (ng/mL) | |
| 1,2,3,4-TetraCDD (¹³ C ₆ , 99%) | | | 2.5 | |
| 3,3',4,4'-TetraBDE (¹³ C ₁₂ , 99%) | | 77 | 7.5 | |
| 2,2',3,4,4',6-HexaBDE (¹³ C ₁₂ , 99%) | | 139 | 7.5 | |
| 2,2',3,3',4,5,5',6,6'-NonaCB (¹³ C ₁₂ , 99%) | | 208 | 10 | |
| EO-5617 | BFR PAR Solution | | 1.2 mL in nonane | ¥215,200 |
| Unlabeled | | BDE | (ng/mL) | |
| 2,2',4-TriBDE | | 17 | 1000 | |
| 2,4,4'-TriBDE | | 28 | 1000 | |
| 2,2',4,4'-TetraBDE | | 47 | 1000 | |
| 2,3',4,4'-TetraBDE | | 66 | 1000 | |
| 2,2',3,4,4'-PentaBDE | | 85 | 1000 | |
| 2,2',4,4',5-PentaBDE | | 99 | 1000 | |
| 2,2',4,4',6-PentaBDE | | 100 | 1000 | |
| 2,2',4,4',5,5'-HexaBDE | | 153 | 1000 | |
| 2,2',4,4',5,6'-HexaBDE | | 154 | 1000 | |
| 2,2',3,4,4',5',6-HeptaBDE | | 183 | 1000 | |
| 2,2',3,3',4,4',5,6'-OctaBDE | | 196 | 1000 | |
| 2,2',3,3',4,4',6,6'-OctaBDE | | 197 | 1000 | |
| 2,2',3,4,4',5,5',6-OctaBDE | | 203 | 1000 | |
| 2,2',3,3',4,4',5,5',6-NonaBDE | | 206 | 1000 | |
| 2,2',3,3',4,4',5,6,6'-NonaBDE | | 207 | 1000 | |
| 2,2',3,3',4,5,5',6-NonaBDE | | 208 | 1000 | |
| DecaBDE | | 209 | 1000 | |
| 2,2',4,4',5,5'-HexaBB | PBB-153 | | 1000 | |
| Hexabromobenzene | | | 1000 | |
| 1,2-Bis(pentabromophenyl)ethane | | | 1000 | |
| 1,2-Bis(2,4,6-tribromophenoxy)ethane | | | 1000 | |
| λ-Hexabromocyclododecane | | | 1000 | |

Continued ▶

Isotope-Labeled and Unlabeled Brominated Diphenyl Ether (BDE) Metabolites

| Catalog No. | Compound | Concentration | Unit Size | Price(¥) |
|--|--|---------------------|-----------|----------|
| Hydroxybrominated Diphenyl Ethers (OH-BDE) | | | | |
| OHBDE-5190-1.2 | 6-Hydroxy-2,2',4,4'-tetraBDE (ring- ¹³ C ₁₂ , 99%) CP 92% | 50 µg/mL in toluene | 1.2 mL | ¥355,200 |
| OHBDE-5206-1.2 | 6-Hydroxy-2,2',4,4'-tetraBDE (unlabeled) | 50 µg/mL in nonane | 1.2 mL | ¥185,000 |
| OHBDE-5191-1.2 | 2-Hydroxy-2',4,4',5',6-pentaBDE (ring- ¹³ C ₁₂ , 99%) CP 94% | 50 µg/mL in toluene | 1.2 mL | ¥355,200 |
| OHBDE-5212-1.2 | 4'-Hydroxy-2,2',4,5'-tetraBDE (unlabeled) | 50 µg/mL in nonane | 1.2 mL | ¥185,000 |
| OHBDE-5228-1.2 | 6-Hydroxy-2,2',4,4',5-pentaBDE (unlabeled) | 50 µg/mL in nonane | 1.2 mL | ¥185,000 |
| Methoxybrominated Diphenyl Ethers (MeO-BDE) | | | | |
| MEOBDE-5153-1.2 | 2'-Methoxy-2,3',4,5'-tetraBDE (unlabeled) | 50 µg/mL in nonane | 1.2 mL | ¥176,000 |
| MEOBDE-5207-1.2 | 3-Methoxy-2,2',4,4'-tetraBDE (unlabeled) | 50 µg/mL in nonane | 1.2 mL | ¥176,000 |
| MEOBDE-5203-1.2 | 4-Methoxy-2,2',3,4'-tetraBDE (unlabeled) | 50 µg/mL in nonane | 1.2 mL | ¥176,000 |
| MEOBDE-5211-1.2 | 4'-Methoxy-2,2',4,5'-tetraBDE (unlabeled) | 50 µg/mL in nonane | 1.2 mL | ¥176,000 |
| MEOBDE-5209-1.2 | 5-Methoxy-2,2',4,4'-tetraBDE (unlabeled) | 50 µg/mL in nonane | 1.2 mL | ¥176,000 |
| MEOBDE-5260-1.2 | 6-Methoxy-2,2',4,4'-tetraBDE (ring- ¹³ C ₁₂ , 99%) | 50 µg/mL in nonane | 1.2 mL | ¥355,200 |
| MEOBDE-5205-1.2 | 6-Methoxy-2,2',4,4'-tetraBDE (unlabeled) | 50 µg/mL in nonane | 1.2 mL | ¥176,000 |
| MEOBDE-5227-1.2 | 6-Methoxy-2,2',4,4',5-pentaBDE (unlabeled) | 50 µg/mL in nonane | 1.2 mL | ¥176,000 |

Polybrominated Biphenyl Ether (PBB) Standards

| Catalog No. | Compound | PBB | Concentration | Unit Size | Price(¥) |
|-------------|---|-----|-----------------------|-----------|----------|
| EB-5055 | 3,3',4,4'-Tetrabromobiphenyl (¹³ C ₁₂ , 99%) | 77 | 40 µg/mL in nonane | 3 mL | ¥296,800 |
| PBB-77-CS | 3,3',4,4'-Tetrabromobiphenyl certified standard (unlabeled) | 77 | 100 µg/mL in isoctane | 1.2 mL | ¥59,000 |
| EB-5056 | 3,3',4,4',5-Pentabromobiphenyl (¹³ C ₁₂ , 99%) | 126 | 40 µg/mL in nonane | 3 mL | ¥296,800 |
| PBB-126 | 3,3',4,4',5-Pentabromobiphenyl (unlabeled) | 126 | 100 µg/mL in isoctane | 1.2 mL | ¥59,000 |
| EB-5162 | 2,2',4,4',5,5'-Hexabromobiphenyl (¹³ C ₁₂ , 99%) | 153 | 40 µg/mL in nonane | 3 mL | ¥296,800 |
| PBB-153-CS | 2,2',4,4',5,5'-Hexabromobiphenyl certified standard (unlabeled) | 153 | 100 µg/mL in isoctane | 1.2 mL | ¥59,000 |
| EB-5106 | 2,3,3',4,4',5'-Hexabromobiphenyl (¹³ C ₁₂ , 99%) | 157 | 40 µg/mL in nonane | 3 mL | ¥296,800 |
| PBB-157-CS | 2,3,3',4,4',5'-Hexabromobiphenyl certified standard (unlabeled) | 157 | 100 µg/mL in isoctane | 1.2 mL | ¥59,000 |
| EB-5439 | Decabromobiphenyl (¹³ C ₁₂ , 99%) | 209 | 40 µg/mL in nonane | 3 mL | ¥296,800 |
| PBB-209-CS | Decabromobiphenyl certified standard (unlabeled) | 209 | 100 µg/mL in isoctane | 1.2 mL | ¥59,000 |

Chemical purity (CP) is 98% or greater, unless indicated otherwise.



Glyphosate, Glufosinate, and Dicamba

Featured Products

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|-------------------------------|---|---------------------------|--------|----------|
| CNLM-6792-1.2 | Glyphosate ($^{13}\text{C}_3$, 99%; ^{15}N , 98%) CP 95% | 100 µg/mL in water | 1.2 mL | ¥153,600 |
| CNLM-4666-1.2 | Glyphosate (2- ^{13}C , 99%; ^{15}N , 98%) CP 96% | 100 µg/mL in water | 1.2 mL | ¥138,400 |
| CNL-4666-10 | Glyphosate (2- ^{13}C , 99%; ^{15}N , 98%) CP 96% | 100 µg/mL in water | 10 mL | ¥492,000 |
| CNL-4666-10X-1.2 | Glyphosate (2- ^{13}C , 99%; ^{15}N , 98%) CP 96% | 1000 µg/mL in water | 1.2 mL | ¥451,600 |
| ULM-6876-1.2 | Glyphosate (unlabeled) | 100 µg/mL in water | 1.2 mL | ¥35,400 |
| NEW! DLM-11078-1.2 | DL-Glufosinate-HCl (2,3,3,4,4-D ₅ , methyl-D ₃ , 98%) | 100 µg/mL in water | 1.2 mL | ¥131,800 |
| NEW! ULM-11153-1.2 | Glufosinate (unlabeled), ammonium salt | 100 µg/mL in water | 1.2 mL | ¥35,600 |
| CLM-9914-1.2 | Dicamba (ring- $^{13}\text{C}_6$, 99%) | 100 µg/mL in methanol | 1.2 mL | ¥180,000 |
| ULM-9911-1.2 | Dicamba (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥35,400 |
| Glyphosate Metabolites | | | | |
| CDNLM-6786-1.2 | Aminomethylphosphonic acid (AMPA) (^{13}C , 99%; ^{15}N , 98%; methylene-D ₂ , 98%) | 100 µg/mL in water | 1.2 mL | ¥194,000 |
| CDNLM-6786-10 | Aminomethylphosphonic acid (AMPA) (^{13}C , 99%; ^{15}N , 98%; methylene-D ₂ , 98%) | 100 µg/mL in water | 10 mL | ¥859,400 |
| ULM-10880-1.2 | Aminomethylphosphonic acid (AMPA) (unlabeled) | 100 µg/mL in water | 1.2 mL | ¥35,600 |
| Dicamba Metabolites | | | | |
| CLM-9915-1.2 | 5-Hydroxydicamba (2-Methoxy-3,6-dichloro-5-hydroxybenzoic acid) (ring- $^{13}\text{C}_6$, 99%) | 100 µg/mL in methanol | 1.2 mL | ¥216,600 |
| ULM-9912-1.2 | 5-Hydroxydicamba (2-Methoxy-3,6-dichloro-5-hydroxybenzoic acid) (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥46,800 |
| CLM-9916-A-1.2 | 3,6-Dichlorosalicylic acid (DCSA) (ring- $^{13}\text{C}_6$, 99%) CP 95% | 100 µg/mL in acetonitrile | 1.2 mL | ¥178,400 |
| ULM-9910-A-1.2 | 3,6-Dichlorosalicylic acid (DCSA) (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥35,400 |
| CLM-9917-1.2 | 3,6-Dichlorogentisic acid (DCGA) (ring- $^{13}\text{C}_6$, 99%) | 100 µg/mL in methanol | 1.2 mL | ¥243,200 |
| ULM-9913-1.2 | 3,6-Dichlorogentisic acid (DCGA) (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥46,800 |
| ULM-10494-1.2 | Dicamba methyl ester (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥45,200 |

Continued ▶

Related Products

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|----------------------|--|---------------------------|--------|----------|
| CLM-4546-1.2 | Acetochlor (ring- $^{13}\text{C}_6$, 99%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥206,800 |
| ULM-9824-1.2 | Acetochlor (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥35,400 |
| CLM-3737-1.2 | Atrazine (ring- $^{13}\text{C}_3$, 99%) | 100 µg/mL in nonane | 1.2 mL | ¥107,000 |
| CLM-3737-MT-1.2 | Atrazine (ring- $^{13}\text{C}_3$, 99%) | 100 µg/mL in MTBE | 1.2 mL | ¥108,400 |
| ULM-7235-1.2 | Atrazine (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥35,400 |
| CLM-1858-1.2 | 2,4-Dichlorophenoxyacetic acid (2,4-D) (ring- $^{13}\text{C}_6$, 99%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥143,400 |
| ULM-7418-1.2 | 2,4-Dichlorophenoxyacetic acid (2,4-D) (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥35,400 |
| CLM-6758-1.2 | 4-Chloro-2-methylphenoxyacetic acid (MCPA) (ring- $^{13}\text{C}_6$, 99%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥138,400 |
| ULM-10731-1.2 | 4-Chloro-2-methylphenoxyacetic acid (MCPA) (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥33,400 |
| NEW! CLM-6759 | [4-Chloro-2-(hydroxymethyl)phenoxy]acetic acid (HMCPA) (ring- $^{13}\text{C}_6$, 99%) | Inquire | お問い合わせ | |
| NEW! CLM-6760 | [4-Chloro-2-(methoxymethyl)phenoxy]acetic acid (HMCPA MME) (ring- $^{13}\text{C}_6$, 99%) | Inquire | お問い合わせ | |
| CLM-3712-1.2 | Metolachlor (ring- $^{13}\text{C}_6$, 99%) | 100 µg/mL in nonane | 1.2 mL | ¥251,800 |
| ULM-7314-1.2 | Metolachlor (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥35,400 |



Metabolites of Polycyclic Aromatic Hydrocarbons (PAHs)

Featured Products

Individual ¹³C-Labeled Hydroxy PAHs

| 50 µg/mL in toluene | | | |
|---------------------|--|--------|----------|
| Catalog No. | Description | Amount | Price(¥) |
| CLM-4860-T-1.2 | 6-Hydroxychrysene (¹³ C ₆ , 98%) | 1.2 mL | ¥310,800 |
| CLM-6087-1.2 | 2-Hydroxyfluorene (random- ¹³ C ₆ , 99%) | 1.2 mL | ¥310,800 |
| CLM-8977-1.2 | 3-Hydroxyfluorene (¹³ C ₆ , 98%) | 1.2 mL | ¥310,800 |
| CLM-7700-1.2 | 9-Hydroxyfluorene (¹³ C ₆ , 99%) | 1.2 mL | ¥310,800 |
| CLM-7701-1.2 | 1-Hydroxynaphthalene (¹³ C ₆ , 99%) | 1.2 mL | ¥269,000 |
| CLM-7713-1.2 | 2-Hydroxynaphthalene (¹³ C ₆ , 99%) | 1.2 mL | ¥269,000 |
| CLM-7669-1.2 | 1-Hydroxyphenanthrene (¹³ C ₄ , 99%) | 1.2 mL | ¥310,800 |
| CLM-8463-T-1.2 | 2-Hydroxyphenanthrene (¹³ C ₆ , 99%) | 1.2 mL | ¥269,000 |
| CLM-4859-T-1.2 | 3-Hydroxyphenanthrene (¹³ C ₆ , 98%) | 1.2 mL | ¥269,000 |
| CLM-7670-1.2 | 4-Hydroxyphenanthrene (¹³ C ₄ , 99%) | 1.2 mL | ¥310,800 |
| CLM-9012-1.2 | 1-Hydroxypyrene (¹³ C ₆ , 99%) | 1.2 mL | ¥310,800 |

Individual Unlabeled Hydroxy PAHs

| 50 µg/mL in toluene | | | |
|---------------------|-----------------------|--------|----------|
| Catalog No. | Description | Amount | Price(¥) |
| ULM-7552-1.2 | 6-Hydroxychrysene | 1.2 mL | ¥80,400 |
| ULM-8973-1.2 | 2-Hydroxyfluorene | 1.2 mL | ¥80,400 |
| ULM-8974-1.2 | 3-Hydroxyfluorene | 1.2 mL | ¥80,400 |
| ULM-8975-1.2 | 9-Hydroxyfluorene | 1.2 mL | ¥80,400 |
| ULM-8971-1.2 | 1-Hydroxynaphthalene | 1.2 mL | ¥80,400 |
| ULM-8972-1.2 | 2-Hydroxynaphthalene | 1.2 mL | ¥80,400 |
| ULM-7929-1.2 | 1-Hydroxyphenanthrene | 1.2 mL | ¥80,400 |
| ULM-8464-T-1.2 | 2-Hydroxyphenanthrene | 1.2 mL | ¥80,400 |
| ULM-7446-1.2 | 3-Hydroxyphenanthrene | 1.2 mL | ¥80,400 |
| ULM-7928-1.2 | 4-Hydroxyphenanthrene | 1.2 mL | ¥80,400 |
| ULM-8976-1.2 | 1-Hydroxypyrene | 1.2 mL | ¥80,400 |

Please see other side for mixtures of hydroxy PAHs ▶

| Catalog No. | Description | Amount | Price(¥) |
|-------------|---|------------------------|------------|
| ES-5472 | CDC OH-PAH Calibration Standards CS1-CS10 | 10 × 0.5 mL in toluene | ¥1,106,600 |

| All concentrations are ng/mL | | | | | | | | | | | | |
|--|-----------|-------|-----|-----|-----|-----|-----|------|------|------|-------|------|
| | Unlabeled | IUPAC | CS1 | CS2 | CS3 | CS4 | CS5 | CS6 | CS7 | CS8 | CS9 | CS10 |
| 1-Hydroxynaphthalene | | 4 | 8 | 20 | 40 | 200 | 400 | 2000 | 4000 | 8000 | 16000 | |
| 2-Hydroxynaphthalene | | 4 | 8 | 20 | 40 | 200 | 400 | 2000 | 4000 | 8000 | 16000 | |
| 2-Hydroxyfluorene | | 1 | 2 | 5 | 10 | 50 | 100 | 500 | 1000 | — | — | |
| 3-Hydroxyfluorene | | 1 | 2 | 5 | 10 | 50 | 100 | 500 | 1000 | — | — | |
| 9-Hydroxyfluorene | | 1 | 2 | 5 | 10 | 50 | 100 | 500 | 1000 | — | — | |
| 1-Hydroxyphenanthrene | | 1 | 2 | 5 | 10 | 50 | 100 | 500 | 1000 | — | — | |
| 2-Hydroxyphenanthrene | | 1 | 2 | 5 | 10 | 50 | 100 | 500 | 1000 | — | — | |
| 3-Hydroxyphenanthrene | | 1 | 2 | 5 | 10 | 50 | 100 | 500 | 1000 | — | — | |
| 4-Hydroxyphenanthrene | | 1 | 2 | 5 | 10 | 50 | 100 | 500 | 1000 | — | — | |
| 1-Hydroxypyrene | | 1 | 2 | 5 | 10 | 50 | 100 | 500 | 1000 | — | — | |
| Labeled | | | | | | | | | | | | |
| 2,4,4'-TriCB (¹³ C ₁₂ , 99%) | | 28 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 2,3,3',4,4'-PentaCB (¹³ C ₁₂ , 99%) | | 105 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 2,2',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | | 153 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 2,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | | 167 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1-Hydroxynaphthalene (¹³ C ₆ , 99%) | | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |
| 2-Hydroxynaphthalene (¹³ C ₆ , 99%) | | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |
| 2-Hydroxyfluorene (¹³ C ₆ , 99%) | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 3-Hydroxyfluorene (¹³ C ₆ , 99%) | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 9-Hydroxyfluorene (¹³ C ₆ , 99%) | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1-Hydroxyphenanthrene (¹³ C ₄ , 99%) | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 2-Hydroxyphenanthrene (¹³ C ₆ , 99%) | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 3-Hydroxyphenanthrene (¹³ C ₆ , 99%) | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 4-Hydroxyphenanthrene (¹³ C ₄ , 99%) | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1-Hydroxypyrene (¹³ C ₆ , 99%) | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

| Catalog No. | Description | Amount | Price(¥) |
|-------------|---|--------|----------|
| ES-5473 | CDC OH-PAH Spiking Standard 1.5 mL in acetonitrile お問い合わせ | | |
| ES-5484 | CDC OH-PAH Native PAR Standard 1.2 mL in toluene ¥310,400 | | |

| Labeled (ng/mL) | |
|---|------|
| 1-Hydroxynaphthalene (¹³ C ₆ , 99%) | 100 |
| 2-Hydroxynaphthalene (¹³ C ₆ , 99%) | 100 |
| 2-Hydroxyfluorene (¹³ C ₆ , 99%) | 25 |
| 3-Hydroxyfluorene (¹³ C ₆ , 99%) | 25 |
| 9-Hydroxyfluorene (¹³ C ₆ , 99%) | 25 |
| 1-Hydroxyphenanthrene (¹³ C ₄ , 99%) | 25 |
| 2-Hydroxyphenanthrene (¹³ C ₆ , 99%) | 25 |
| 3-Hydroxyphenanthrene (¹³ C ₆ , 99%) | 25 |
| 4-Hydroxyphenanthrene (¹³ C ₄ , 99%) | 25 |
| 1-Hydroxypyrene (¹³ C ₆ , 99%) | 25 |
| Unlabeled (ng/mL) | |
| 1-Hydroxynaphthalene | 4000 |
| 2-Hydroxynaphthalene | 4000 |
| 2-Hydroxyfluorene | 1000 |
| 3-Hydroxyfluorene | 1000 |
| 9-Hydroxyfluorene | 1000 |
| 1-Hydroxyphenanthrene | 1000 |
| 2-Hydroxyphenanthrene | 1000 |
| 3-Hydroxyphenanthrene | 1000 |
| 4-Hydroxyphenanthrene | 1000 |
| 1-Hydroxypyrene | 1000 |

| | | | |
|---------|---------------------------------------|-------------------|---------|
| ES-5474 | CDC PCB Recovery Standard for OH-PAHs | 1.0 mL in toluene | ¥57,600 |
|---------|---------------------------------------|-------------------|---------|

| Labeled | IUPAC | (ng/mL) |
| --- | --- | --- |

<tbl



Nitrosamines

Featured Products

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|---------------|--|--|--------|----------|
| CDLM-7279-S | N-Nitrosodimethylamine (NDMA) (¹³ C ₂ , 99%; D ₆ , 98%) | 1 mg/mL in methylene chloride-D ₂ | 1 mL | ¥94,000 |
| DLM-2130-S | N-Nitrosodimethylamine (NDMA) (D ₆ , 98%) | 1 mg/mL in methylene chloride-D ₂ | 1 mL | ¥55,600 |
| NLM-7647-S | N-Nitrosodimethylamine (NDMA) (¹⁵ N ₂ , 98%) | 1 mg/mL in methylene chloride | 1 mL | ¥101,000 |
| ULM-9042-S | N-Nitrosodimethylamine (NDMA) (unlabeled) | 1 mg/mL in methylene chloride | 1 mL | ¥27,200 |
| DLM-7982-S | N-Nitrosodiethylamine (NDEA) (D ₁₀ , 98%) | 1 mg/mL in methylene chloride-D ₂ | 1 mL | ¥55,600 |
| ULM-7984-1.2 | N-Nitrosodiethylamine (NDEA) (unlabeled) | 1 mg/mL in methylene chloride | 1.2 mL | ¥27,200 |
| CLM-10856-1.2 | N-Nitroso-N-methyl-4-aminobutyric acid (NMBA) (1,2,3,4- ¹³ C ₄ , 99%) CP 95% | 1 mg/mL in methylene chloride | 1.2 mL | ¥104,600 |
| ULM-10857-1.2 | N-Nitroso-N-methyl-4-aminobutyric acid (NMBA) (unlabeled) | 1 mg/mL in methylene chloride | 1.2 mL | ¥27,200 |

Related Products

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|--------------------|---|--|--------|----------|
| DLM-3098-S | N-Nitrosodiphenylamine (2,2',4,4',6,6'-D ₆ , 96%) | 1 mg/mL in methylene chloride-D ₂ | 1 mL | ¥55,600 |
| ULM-7219-1.2 | N-Nitrosodiphenylamine (unlabeled) | 1 mg/mL in methylene chloride | 1.2 mL | ¥27,200 |
| DLM-2131-S | N-Nitroso-di-n-propylamine (D ₁₄ , 98%) | 1 mg/mL in methylene chloride-D ₂ | 1 mL | ¥55,600 |
| ULM-6637-S | N-Nitroso-di-n-propylamine (unlabeled) | 1 mg/mL in methylene chloride | 1 mL | ¥27,200 |
| NEW! DLM-11196-1.2 | N-Nitroso-di-n-butylamine (D ₁₈ , 98%) | 1 mg/mL in methylene chloride-D ₂ | 1.2 mL | ¥91,200 |
| NEW! ULM-11198-1.2 | N-Nitroso-di-n-butylamine (unlabeled) | 1 mg/mL in methylene chloride | 1.2 mL | ¥35,600 |
| DLM-8254-1.2 | N-Nitrosomorpholine (D ₈ , 98%) | 1 mg/mL in methylene chloride-D ₂ | 1.2 mL | ¥94,400 |
| ULM-8255-1.2 | N-Nitrosomorpholine (unlabeled) CP 96% | 1 mg/mL in methylene chloride | 1.2 mL | ¥35,600 |
| DLM-8252-1.2 | N-Nitrosopyrrolidine (D ₈ , 98%) | 1 mg/mL in methylene chloride-D ₂ | 1.2 mL | ¥94,400 |
| ULM-8253-1.2 | N-Nitrosopyrrolidine (unlabeled) | 1 mg/mL in methylene chloride | 1.2 mL | ¥35,600 |
| NEW! DLM-11195-1.2 | N-Nitrosopiperidine (D ₁₀ , 98%) | 1 mg/mL in methylene chloride-D ₂ | 1.2 mL | ¥91,200 |
| NEW! ULM-11197-1.2 | N-Nitrosopiperidine (unlabeled) | 1 mg/mL in methylene chloride | 1.2 mL | ¥35,600 |
| NEW! DLM-12279-1.2 | N-Nitrosomethylethylamine (D ₃ , 98%) | 1 mg/mL in methylene chloride-D ₂ | 1.2 mL | ¥91,200 |
| NEW! ULM-12280-1.2 | N-Nitrosomethylethylamine (unlabeled) CP 95% | 1 mg/mL in methylene chloride | 1.2 mL | ¥33,800 |
| DLM-10526-1.2 | N-Nitroso-N-methylethanolamine (1,1,2,2-D ₄ , methyl-D ₃ , 98%) | 5 mg/mL in methanol | 1.2 mL | ¥291,000 |
| ULM-10528-1.2 | N-Nitroso-N-methylethanolamine (unlabeled) | 5 mg/mL in methanol | 1.2 mL | ¥64,000 |
| DLM-7779-S | N-Nitrodimethylamine (D ₆ , 98%) | 1 mg/mL in methylene chloride-D ₂ | 1 mL | ¥109,400 |
| ULM-7780-S | N-Nitrodimethylamine (unlabeled) | 1 mg/mL in methylene chloride | 1 mL | ¥54,000 |

Please see CIL's TSNA Spotlight for information about tobacco-specific nitrosamines (TSNA).

Continued ▶

| Catalog No. | Description | Amount | Price(¥) |
|--------------------------|--|---|----------|
| NEW! ES-5652 | Method 521 Nitrosamine Surrogate Mixture | 1.2 mL in methylene chloride-D ₂ | ¥249,400 |
| Labeled (µg/mL) | | | |
| | N-Nitrosodimethylamine (D ₆ , 98%) | 100 | |
| Unlabeled (µg/mL) | | | |
| NEW! ES-5653 | Method 521 Nitrosamine Analyte PDS Mixture | 1.2 mL in methylene chloride | ¥125,800 |
| Unlabeled (µg/mL) | | | |
| | N-Nitrosodimethylamine | 100 | |
| | N-Nitrosomethylethylamine | 100 | |
| | N-Nitrosodiethylamine | 100 | |
| | N-Nitroso-di-n-propylamine | 100 | |
| | N-Nitroso-di-n-butylamine | 100 | |
| | N-Nitrosopyrrolidine | 100 | |
| | N-Nitrosopiperidine | 100 | |
| NEW! ES-5650 | Deuterated Nitrosamines Standard Mixture | 5 mL in methylene chloride-D ₂ | ¥299,800 |
| Labeled (µg/mL) | | | |
| | N-Nitrosodimethylamine (D ₆ , 98%) | 10 | |
| | N-Nitrosomethylethylamine (D ₃ , 98%) | 10 | |
| | N-Nitrosodiethylamine (D ₁₀ , 98%) | 10 | |
| | N-Nitroso-di-n-propylamine (D ₁₄ , 98%) | 10 | |
| | N-Nitroso-di-n-butylamine (D ₁₈ , 98%) | 10 | |
| | N-Nitrosopyrrolidine (D ₈ , 98%) | 10 | |
| | N-Nitrosopiperidine (D ₁₀ , 98%) | 10 | |
| | N-Nitrosomorpholine (D ₈ , 98%) | 10 | |
| NEW! ES-5651 | Nitrosamines Native Standard Mixture | 5 mL in methylene chloride | ¥149,200 |
| Unlabeled (µg/mL) | | | |
| | N-Nitrosodimethylamine | 10 | |
| | N-Nitrosomethylethylamine | 10 | |
| | N-Nitrosodiethylamine | 10 | |
| | N-Nitroso-di-n-propylamine | 10 | |
| | N-Nitroso-di-n-butylamine | 10 | |
| | N-Nitrosopyrrolidine | 10 | |
| | N-Nitrosopiperidine | 10 | |
| | N-Nitrosomorpholine | 10 | |



Nonylphenol, Nonylphenol Ethoxylates, and Octylphenol

Nonylphenol (NP)

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|-----------------|--|--------------------------|---------|----------|
| CLM-4306-1.2 | <i>p</i> -n-Nonylphenol (ring- ¹³ C ₆ , 99%) | 100 µg/mL in nonane | 1.2 mL | ¥169,000 |
| CLM-4306-M-1.2 | <i>p</i> -n-Nonylphenol (ring- ¹³ C ₆ , 99%) | 100 µg/mL in methanol | 1.2 mL | ¥169,000 |
| DLM-10925-M-1.2 | <i>p</i> -n-Nonylphenol (ring-D ₄ , OD, 98%) | 100 µg/mL in methanol-OD | 1.2 mL | ¥133,000 |
| ULM-4559-1.2 | <i>p</i> -n-Nonylphenol (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥47,400 |
| ULM-4559-M-1.2 | <i>p</i> -n-Nonylphenol (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥47,400 |
| ULM-6560-1.2 | <i>p</i> -Nonylphenol (unlabeled) (technical grade) | 100 µg/mL in nonane | 1.2 mL | ¥47,400 |
| CLM-8356-1.2 | 4-(1,3-Dimethyl-1-ethylpentyl) phenol (ring- ¹³ C ₆ , 99%) | 100 µg/mL in methanol | 1.2 mL | ¥182,000 |
| ULM-8360-1.2 | 4-(1,3-Dimethyl-1-ethylpentyl) phenol (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥64,000 |
| CLM-8357-1.2 | 4-(1,4-Dimethyl-1-ethylpentyl) phenol (ring- ¹³ C ₆ , 99%) | 100 µg/mL in methanol | 1.2 mL | ¥182,000 |
| ULM-8361-1.2 | 4-(1,4-Dimethyl-1-ethylpentyl) phenol (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥64,000 |
| CLM-8359-1.2 | 4-(1-Ethyl-1-methylhexyl) phenol (ring- ¹³ C ₆ , 99%) | 100 µg/mL in methanol | 1.2 mL | ¥182,000 |
| ULM-8363-1.2 | 4-(1-Ethyl-1-methylhexyl) phenol (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥64,000 |
| CLM-8358-1.2 | 4-(1,1,5-Trimethylhexyl) phenol (ring- ¹³ C ₆ , 99%) | 100 µg/mL in methanol | Inquire | ¥182,000 |
| ULM-8362-1.2 | 4-(1,1,5-Trimethylhexyl) phenol (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥64,000 |
| CLM-10452-1.2 | 4- <i>tert</i> -Octylphenol (ring- ¹³ C ₆ , 99%) | 100 µg/mL in methanol | 1.2 mL | ¥173,400 |
| ULM-10443-1.2 | 4- <i>tert</i> -Octylphenol (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥47,400 |

Continued ▶

Nonylphenol Ethoxylates (NPEs)

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|---------------------------|---|---------------------------|--------|----------|
| CLM-4512-1.2 | <i>p</i> -n-Nonylphenol monoethoxylate (ring- ¹³ C ₆ , 99%) | 100 µg/mL in nonane | 1.2 mL | ¥187,000 |
| CLM-4512-M-1.2 | <i>p</i> -n-Nonylphenol monoethoxylate (ring- ¹³ C ₆ , 99%) | 100 µg/mL in methanol | 1.2 mL | ¥187,000 |
| ULM-4520-1.2 | <i>p</i> -n-Nonylphenol monoethoxylate (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥47,400 |
| ULM-4520-M-1.2 | <i>p</i> -n-Nonylphenol monoethoxylate (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥47,400 |
| ULM-4520-SA-5X-1.2 | <i>p</i> -n-Nonylphenol monoethoxylate (unlabeled) | 500 µg/mL in acetonitrile | 1.2 mL | ¥128,000 |
| ULM-7146-1.2 | Nonylphenol monoethoxylate (unlabeled) (branched isomers) | 100 µg/mL in nonane | 1.2 mL | ¥71,000 |
| CLM-4307-1.2 | <i>p</i> -n-Nonylphenol diethoxylate (ring- ¹³ C ₆ , 99%) | 100 µg/mL in nonane | 1.2 mL | ¥187,000 |
| CLM-4307-M-1.2 | <i>p</i> -n-Nonylphenol diethoxylate (ring- ¹³ C ₆ , 99%) | 100 µg/mL in methanol | 1.2 mL | ¥187,000 |
| ULM-4521-1.2 | <i>p</i> -n-Nonylphenol diethoxylate (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥82,600 |
| ULM-4521-M-1.2 | <i>p</i> -n-Nonylphenol diethoxylate (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥82,600 |
| ULM-4521-SA-5X-1.2 | <i>p</i> -n-Nonylphenol diethoxylate (unlabeled) | 500 µg/mL in acetonitrile | 1.2 mL | ¥128,000 |
| ULM-7147-1.2 | Nonylphenol diethoxylate (unlabeled) (branched isomers) | 100 µg/mL in nonane | 1.2 mL | ¥82,600 |
| CLM-4516-1.2 | <i>p</i> -n-Nonylphenol triethoxylate (ring- ¹³ C ₆ , 99%) | 100 µg/mL in nonane | 1.2 mL | ¥187,000 |
| NEW! ULM-11147-1.2 | <i>p</i> -n-Nonylphenol triethoxylate (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥81,000 |

Kit

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|-------------|--|---------------------|------------|----------|
| ES-4157 | Set of <i>p</i> -n-nonylphenol + mono/di/triethoxylates (ring- ¹³ C ₆ , 99%) | 100 µg/mL in nonane | 4 x 1.2 mL | ¥610,400 |

Kit includes 1 each CLM-4306-1.2, CLM-4307-1.2, CLM-4512-1.2, CLM-4516-1.2.

EPA Method 559 Standards

Analyte Standard Stock Solution (SSS)

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|---------------|---|-----------------------|--------|----------|
| ULM-6560-1.2 | <i>p</i> -Nonylphenol (unlabeled) (technical grade) | 100 µg/mL in nonane | 1.2 mL | ¥47,400 |
| ULM-10443-1.2 | 4- <i>tert</i> -Octylphenol (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥47,400 |

Surrogate Standard Stock Solution (SUR SSS)

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|---------------|--|-----------------------|--------|----------|
| CLM-10452-1.2 | 4- <i>tert</i> -Octylphenol (ring- ¹³ C ₆ , 99%) | 100 µg/mL in methanol | 1.2 mL | ¥173,400 |

Internal Standard Stock Solution (IS SSS)

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|--------------|--|-----------------------|--------|----------|
| CLM-8356-1.2 | 4-(1,3-Dimethyl-1-ethylpentyl) phenol (ring- ¹³ C ₆ , 99%) | 100 µg/mL in methanol | 1.2 mL | ¥182,000 |

Nonylphenoxy Carboxylic Acid Interference Solution (ISS)

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|--------------|--|---------------------|--------|----------|
| ULM-4690-1.2 | <i>p</i> -n-Nonylphenoxyethoxyacetic acid (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥82,600 |
| ULM-4688-1.2 | Nonylphenoxyacetic acid (unlabeled) (ring/chain isomers) | 100 µg/mL in nonane | 1.2 mL | ¥71,000 |

Parabens

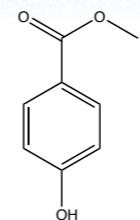
Featured Products

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|---------------------------|--|------------------------|--------|----------|
| CLM-8249-1.2 | Methyl paraben (methyl 4-hydroxybenzoate) (ring- ¹³ C ₆ , 99%) | 1 mg/mL in methanol | 1.2 mL | ¥131,400 |
| NEW! DLM-10921-1.2 | Methyl paraben (methyl 4-hydroxybenzoate) (ring-D ₄ , 98%) | 1 mg/mL in methanol-OD | 1.2 mL | ¥111,000 |
| ULM-8250-1.2 | Methyl paraben (methyl 4-hydroxybenzoate) (unlabeled) | 1 mg/mL in methanol | 1.2 mL | ¥35,600 |
| CLM-9761-1.2 | Ethyl paraben (ethyl 4-hydroxybenzoate) (ring- ¹³ C ₆ , 99%) | 1 mg/mL in methanol | 1.2 mL | ¥133,000 |
| ULM-9760-1.2 | Ethyl paraben (ethyl 4-hydroxybenzoate) (unlabeled) | 1 mg/mL in methanol | 1.2 mL | ¥35,600 |
| CLM-9763-1.2 | n-Propyl paraben (n-propyl 4-hydroxybenzoate) (ring- ¹³ C ₆ , 99%) | 1 mg/mL in methanol | 1.2 mL | ¥141,000 |
| NEW! DLM-10922-1.2 | n-Propyl paraben (n-propyl 4-hydroxybenzoate) (ring-D ₄ , 98%) | 1 mg/mL in methanol-OD | 1.2 mL | ¥119,600 |
| ULM-9762-1.2 | n-Propyl paraben (n-propyl 4-hydroxybenzoate) (unlabeled) | 1 mg/mL in methanol | 1.2 mL | ¥35,600 |
| CLM-9845-1.2 | Isopropyl paraben (isopropyl 4-hydroxybenzoate) (ring- ¹³ C ₆ , 99%) | 1 mg/mL in methanol | 1.2 mL | ¥144,600 |
| ULM-9846-1.2 | Isopropyl paraben (isopropyl 4-hydroxybenzoate) (unlabeled) | 1 mg/mL in methanol | 1.2 mL | ¥35,600 |
| CLM-8285-1.2 | n-Butyl paraben (n-butyl 4-hydroxybenzoate) (ring- ¹³ C ₆ , 99%) | 1 mg/mL in methanol | 1.2 mL | ¥144,600 |
| ULM-8287-1.2 | n-Butyl paraben (n-butyl 4-hydroxybenzoate) (unlabeled) | 1 mg/mL in methanol | 1.2 mL | ¥35,600 |
| CLM-9847-1.2 | Isobutyl paraben (isobutyl 4-hydroxybenzoate) (ring- ¹³ C ₆ , 99%) | 1 mg/mL in methanol | 1.2 mL | ¥144,600 |
| ULM-9848-1.2 | Isobutyl paraben (isobutyl 4-hydroxybenzoate) (unlabeled) | 1 mg/mL in methanol | 1.2 mL | ¥35,600 |
| CLM-10450-1.2 | n-Pentyl paraben (n-pentyl 4-hydroxybenzoate) (ring- ¹³ C ₆ , 99%) | 1 mg/mL in methanol | 1.2 mL | ¥144,600 |
| ULM-10441-1.2 | n-Pentyl paraben (n-pentyl 4-hydroxybenzoate) (unlabeled) | 1 mg/mL in methanol | 1.2 mL | ¥35,600 |
| CLM-9849-1.2 | Benzyl paraben (benzyl 4-hydroxybenzoate) (ring- ¹³ C ₆ , 99%) | 1 mg/mL in methanol | 1.2 mL | ¥144,600 |
| ULM-9850-1.2 | Benzyl paraben (benzyl 4-hydroxybenzoate) (unlabeled) | 1 mg/mL in methanol | 1.2 mL | ¥35,600 |
| CLM-10451-1.2 | n-Heptyl paraben (n-heptyl 4-hydroxybenzoate) (ring- ¹³ C ₆ , 99%) | 1 mg/mL in methanol | 1.2 mL | ¥144,600 |
| ULM-10442-1.2 | n-Heptyl paraben (n-heptyl 4-hydroxybenzoate) (unlabeled) | 1 mg/mL in methanol | 1.2 mL | ¥38,000 |

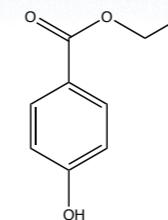
Related Products

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|--------------|--|---------------------|--------|----------|
| CLM-4745-1.2 | 4-Hydroxybenzoic acid (ring- ¹³ C ₆ , 99%) | 1 mg/mL in methanol | 1.2 mL | ¥119,600 |
| ULM-8251-1.2 | 4-Hydroxybenzoic acid (unlabeled) | 1 mg/mL in methanol | 1.2 mL | ¥35,600 |

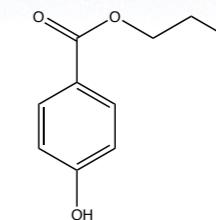
Continued ▶



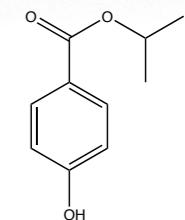
Methyl paraben
(methyl 4-hydroxybenzoate)



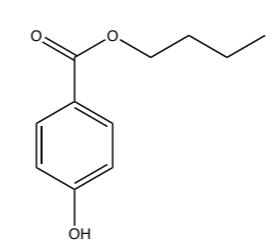
Ethyl paraben
(ethyl 4-hydroxybenzoate)



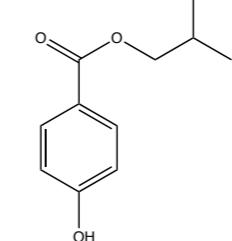
n-Propyl paraben
(n-propyl 4-hydroxybenzoate)



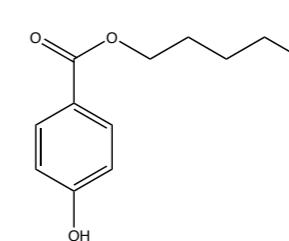
Isopropyl paraben
(isopropyl 4-hydroxybenzoate)



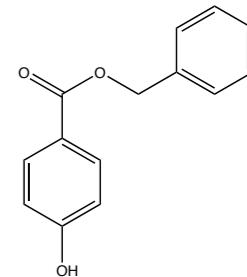
n-Butyl paraben
(n-butyl 4-hydroxybenzoate)



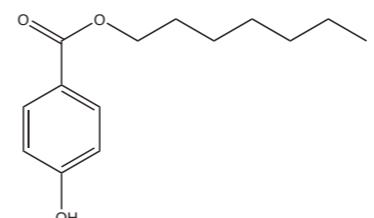
Isobutyl paraben
(isobutyl 4-hydroxybenzoate)



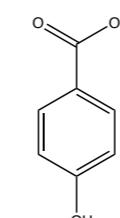
n-Pentyl paraben
(n-pentyl 4-hydroxybenzoate)



Benzyl paraben
(benzyl 4-hydroxybenzoate)

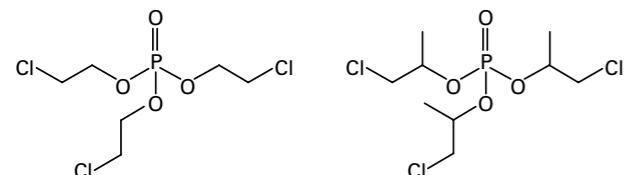


n-Heptyl paraben
(n-heptyl 4-hydroxybenzoate)

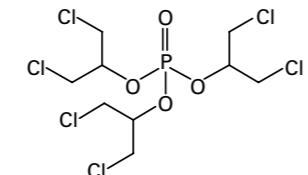


4-Hydroxybenzoic acid

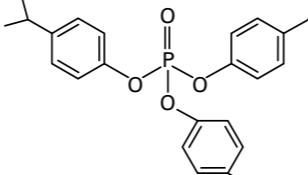
Phosphate Flame Retardants (PFRs)



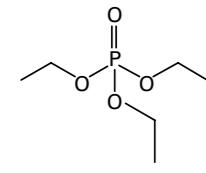
Tris(2-chloroethyl) phosphate (TCEP)



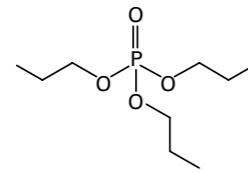
Tris(1-chloro-2-propyl) phosphate (TCPP)



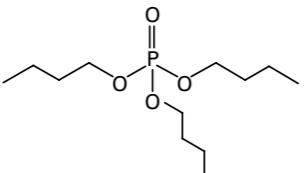
Tris(1,3-dichloro-2-propyl) phosphate (TDCPP)



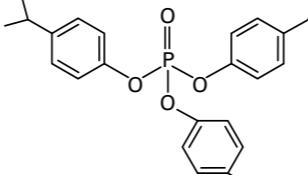
Triethyl phosphate



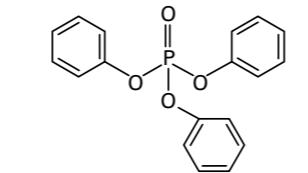
Tripropyl phosphate



Tri-n-butyl phosphate



Tris(4-isopropylphenyl) phosphate (IPPP)



Triphenyl phosphate

| Catalog No. | Description | Amount | Price(¥) |
|-------------|---|------------------------|----------|
| ES-5529 | Phosphorous Flame Retardant Solution (D, 98%) | 1.2 mL in acetonitrile | ¥170,000 |
| | Labeled | (µg/mL) | |
| | Tris(2-chloroethyl) phosphate (D ₁₂ , 98%) | 10 | |
| | Tris(2-chloroisopropyl) phosphate (D ₁₈ , 98%) | 10 | |
| | Tris(1,3-dichloro-2-propyl) phosphate (D ₁₅ , 98%) | 10 | |
| | Triethyl phosphate (D ₁₅ , 98%) | 10 | |
| | Tripropyl phosphate (D ₂₁ , 98%) | 10 | |
| | Tri-n-butyl phosphate (D ₂₇ , 98%) | 10 | |
| | Triphenyl phosphate (D ₁₅ , 98%) | 10 | |
| ES-5530 | Phosphorous Flame Retardant Native PAR Solution | 1.2 mL in acetonitrile | ¥67,000 |
| | Native | (µg/mL) | |
| | Tris(2-chloroethyl) phosphate | 10 | |
| | Tris(2-chloroisopropyl) phosphate | 10 | |
| | Tris(1,3-dichloro-2-propyl) phosphate | 10 | |
| | Triethyl phosphate | 10 | |
| | Tripropyl phosphate | 10 | |
| | Tri-n-butyl phosphate | 10 | |
| | Triphenyl phosphate | 10 | |

Featured Products

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|---------------------------|--|---------------------------|--------|----------|
| DLM-9313-1.2 | Tris(2-chloroethyl) phosphate (TCEP) (D ₁₂ , 98%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥105,200 |
| ULM-9314-1.2 | Tris(2-chloroethyl) phosphate (TCEP) (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥35,400 |
| DLM-9317-1.2 | Tris(1-chloro-2-propyl) phosphate (TCPP) (D ₁₈ , 98%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥105,200 |
| ULM-9318-1.2 | Tris(1-chloro-2-propyl) phosphate (TCPP) (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥35,400 |
| DLM-9315-1.2 | Tris(1,3-dichloro-2-propyl) phosphate (TDCPP) (D ₁₅ , 98%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥105,200 |
| ULM-9316-1.2 | Tris(1,3-dichloro-2-propyl) phosphate (TDCPP) (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥35,400 |
| NEW! CLM-10224-1.2 | Tris(4-isopropylphenyl) phosphate (IPPP) (ring- ¹³ C ₁₈ , 99%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥173,400 |
| NEW! ULM-11048-1.2 | Tris(4-isopropylphenyl) phosphate (IPPP) (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥35,400 |
| DLM-8074-1.2 | Triethyl phosphate (D ₁₅ , 98%) | 1 mg/mL in acetonitrile | 1.2 mL | ¥81,600 |
| ULM-9032-1.2 | Triethyl phosphate (unlabeled) | 1 mg/mL in acetonitrile | 1.2 mL | ¥28,400 |
| DLM-8901-1.2 | Tripropyl phosphate (D ₂₁ , 98%) | 1 mg/mL in acetonitrile | 1.2 mL | ¥81,600 |
| ULM-9090-1.2 | Tripropyl phosphate (unlabeled) | 1 mg/mL in acetonitrile | 1.2 mL | ¥28,400 |
| DLM-3940-1.2 | Tri-n-butyl phosphate (D ₂₇ , 98%) | 1 mg/mL in acetonitrile | 1.2 mL | ¥81,600 |
| ULM-9033-1.2 | Tri-n-butyl phosphate (unlabeled) | 1 mg/mL in acetonitrile | 1.2 mL | ¥28,400 |
| DLM-9070-1.2 | Triphenyl phosphate (D ₁₅ , 98%) | 1 mg/mL in acetonitrile | 1.2 mL | ¥81,600 |
| ULM-9091-1.2 | Triphenyl phosphate (unlabeled) | 1 mg/mL in acetonitrile | 1.2 mL | ¥28,400 |

Continued ▶



Phthalates, Related Plasticizers, and Metabolites

Phthalate Plasticizer and Metabolite Standards

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|-----------------|--|----------------------|--------|----------|
| DLM-1366-1.2 | Dimethyl phthalate (ring-D ₄ , 98%) | 100 µg/mL in nonane | 1.2 mL | ¥106,200 |
| ULM-6783-1.2 | Dimethyl phthalate (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥35,600 |
| CLM-6071-MT-1.2 | Monomethyl phthalate (ring-1,2- ¹³ C ₂ , dicarboxyl- ¹³ C ₂ , 99%) | 100 µg/mL in MTBE | 1.2 mL | ¥156,400 |
| ULM-6697-MT-1.2 | Monomethyl phthalate (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥92,800 |
| DLM-1629-1.2 | Diethyl phthalate (ring-D ₄ , 98%) | 100 µg/mL in nonane | 1.2 mL | ¥106,200 |
| ULM-6174-1.2 | Diethyl phthalate (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥35,600 |
| CLM-4586-MT-1.2 | Monoethyl phthalate (ring-1,2- ¹³ C ₂ , dicarboxyl- ¹³ C ₂ , 99%) | 100 µg/mL in MTBE | 1.2 mL | ¥156,400 |
| ULM-4585-MT-1.2 | Monoethyl phthalate (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥82,600 |
| | Diisopropyl phthalate | | | |
| ULM-7395-MT-1.2 | Monoisopropyl phthalate (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥92,800 |
| DLM-1367-1.2 | Di-n-butyl phthalate (ring-D ₄ , 98%) | 100 µg/mL in nonane | 1.2 mL | ¥118,000 |
| ULM-7466-1.2 | Di-n-butyl phthalate (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥35,600 |
| CLM-4590-MT-1.2 | Mono-n-butyl phthalate (ring-1,2- ¹³ C ₂ , dicarboxyl- ¹³ C ₂ , 99%) | 100 µg/mL in MTBE | 1.2 mL | ¥156,400 |
| ULM-6148-MT-1.2 | Mono-n-butyl phthalate (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥92,800 |
| CLM-6847-MT-1.2 | Mono-(3-carboxypropyl) phthalate (ring-1,2- ¹³ C ₂ , dicarboxyl- ¹³ C ₂ , 99%) | 100 µg/mL in MTBE | 1.2 mL | ¥218,800 |
| ULM-6848-MT-1.2 | Mono-(3-carboxypropyl) phthalate (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥128,000 |
| DLM-7569 | Diisobutyl phthalate (ring-D ₄ , 98%) | Inquire | お問い合わせ | |
| CLM-10204-1.2 | Monoisobutyl phthalate (ring-1,2- ¹³ C ₂ , dicarboxyl- ¹³ C ₂ , 99%) | 100 µg/mL in MTBE | 1.2 mL | ¥156,400 |
| ULM-7919-MT-1.2 | Monoisobutyl phthalate (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥92,800 |
| DLM-1369-1.2 | Benzyl butyl phthalate (ring-D ₄ , 98%) | 100 µg/mL in nonane | 1.2 mL | ¥106,200 |
| ULM-7551-1.2 | Benzyl butyl phthalate (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥35,600 |
| CLM-4591-MT-1.2 | Monobenzyl phthalate (ring-1,2- ¹³ C ₂ , dicarboxyl- ¹³ C ₂ , 99%) | 100 µg/mL in MTBE | 1.2 mL | ¥156,400 |
| ULM-6149-MT-1.2 | Monobenzyl phthalate (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥92,800 |
| CLM-4590-MT-1.2 | Mono-n-butyl phthalate (ring-1,2- ¹³ C ₂ , dicarboxyl- ¹³ C ₂ , 99%) | 100 µg/mL in MTBE | 1.2 mL | ¥156,400 |
| ULM-6148-MT-1.2 | Mono-n-butyl phthalate (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥92,800 |
| CLM-6847-MT-1.2 | Mono-(3-carboxypropyl) phthalate (ring-1,2- ¹³ C ₂ , dicarboxyl- ¹³ C ₂ , 99%) | 100 µg/mL in MTBE | 1.2 mL | ¥218,800 |
| ULM-6848-MT-1.2 | Mono-(3-carboxypropyl) phthalate (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥128,000 |
| CLM-4668-1.2 | Di-n-pentyl phthalate (ring-1,2- ¹³ C ₂ , dicarboxyl- ¹³ C ₂ , 99%) | 100 µg/mL in nonane | 1.2 mL | ¥109,400 |
| ULM-7433-1.2 | Di-n-pentyl phthalate (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥35,600 |
| CLM-10187-1.2 | Mono-n-pentyl phthalate (ring-1,2- ¹³ C ₂ , dicarboxyl- ¹³ C ₂ , 99%) | 100 µg/mL in MTBE | 1.2 mL | ¥156,400 |
| ULM-7393-MT-1.2 | Mono-n-pentyl phthalate (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥92,800 |
| CLM-4669-1.2 | Di-n-hexyl phthalate (ring-1,2- ¹³ C ₂ , dicarboxyl- ¹³ C ₂ , 99%) | 100 µg/mL in nonane | 1.2 mL | ¥109,400 |
| ULM-7434-1.2 | Di-n-hexyl phthalate (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥35,600 |
| CLM-4670-1.2 | Dicyclohexyl phthalate (ring-1,2- ¹³ C ₂ , dicarboxyl- ¹³ C ₂ , 99%) | 100 µg/mL in nonane | 1.2 mL | ¥109,400 |
| ULM-8785-1.2 | Dicyclohexyl phthalate (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥35,600 |
| CLM-4592-MT-1.2 | Monocyclohexyl phthalate (ring-1,2- ¹³ C ₂ , dicarboxyl- ¹³ C ₂ , 99%) | 100 µg/mL in MTBE | 1.2 mL | ¥156,400 |
| ULM-7394-MT-1.2 | Monocyclohexyl phthalate (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥92,800 |
| DLM-1630-1.2 | Di-n-octyl phthalate (ring-D ₄ , 98%) | 100 µg/mL in nonane | 1.2 mL | ¥106,200 |
| ULM-6129-1.2 | Di-n-octyl phthalate (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥35,600 |
| CLM-4589-MT-1.2 | Mono-n-octyl phthalate (ring-1,2- ¹³ C ₂ , dicarboxyl- ¹³ C ₂ , 99%) | 100 µg/mL in MTBE | 1.2 mL | ¥156,400 |
| ULM-4593-MT-1.2 | Mono-n-octyl phthalate (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥82,600 |
| CLM-6847-MT-1.2 | Mono-(3-carboxypropyl) phthalate (ring-1,2- ¹³ C ₂ , dicarboxyl- ¹³ C ₂ , 99%) | 100 µg/mL in MTBE | 1.2 mL | ¥218,800 |
| ULM-6848-MT-1.2 | Mono-(3-carboxypropyl) phthalate (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥128,000 |
| DLM-1368-1.2 | Bis(2-ethylhexyl) phthalate (ring-D ₄ , 98%) | 100 µg/mL in nonane | 1.2 mL | ¥118,000 |
| ULM-6241-1.2 | Bis(2-ethylhexyl) phthalate (unlabeled) | 1000 µg/mL in nonane | 1.2 mL | ¥35,600 |
| CLM-4584-MT-1.2 | Mono-2-ethylhexyl phthalate (ring-1,2- ¹³ C ₂ , dicarboxyl- ¹³ C ₂ , 99%) | 100 µg/mL in MTBE | 1.2 mL | ¥156,400 |
| ULM-4583-MT-1.2 | Mono-2-ethylhexyl phthalate (unlabeled) CP 95% | 100 µg/mL in MTBE | 1.2 mL | ¥82,600 |
| CLM-6640-MT-1.2 | Mono-(2-ethyl-5-oxohexyl) phthalate (¹³ C ₄ , 99%) (DEHP Metabolite VI) | 100 µg/mL in MTBE | 1.2 mL | ¥218,800 |
| ULM-4663-MT-1.2 | Mono-(2-ethyl-5-oxohexyl) phthalate (unlabeled) (DEHP Metabolite VI) | 100 µg/mL in MTBE | 1.2 mL | ¥128,000 |
| CLM-6641-MT-1.2 | Mono-(2-ethyl-5-hydroxyhexyl) phthalate (¹³ C ₄ , 99%) (DEHP Metabolite IX) | 100 µg/mL in MTBE | 1.2 mL | ¥218,800 |
| ULM-4662-MT-1.2 | Mono-(2-ethyl-5-hydroxyhexyl) phthalate (unlabeled) (DEHP Metabolite IX) | 100 µg/mL in MTBE | 1.2 mL | ¥150,000 |
| CLM-8232-MT-1.2 | Mono-[2-carboxymethyl]hexyl phthalate (¹³ C ₄ , 99%) (DEHP Metabolite IV) CP 95% | 100 µg/mL in MTBE | 1.2 mL | ¥233,400 |
| ULM-8233-MT-1.2 | Mono-[2-carboxymethyl]hexyl phthalate (unlabeled) (DEHP Metabolite IV) | 100 µg/mL in MTBE | 1.2 mL | ¥128,000 |
| CLM-8148-MT-1.2 | Mono-(2-ethyl-5-carboxypentyl) phthalate (¹³ C ₄ , 99%) (DEHP Metabolite V) CP 90% | 100 µg/mL in MTBE | 1.2 mL | ¥208,600 |
| ULM-8149-MT-1.2 | Mono-(2-ethyl-5-carboxypentyl) phthalate (unlabeled) (DEHP Metabolite V) | 100 µg/mL in MTBE | 1.2 mL | ¥128,000 |

Chemical purity (CP) is 98% or greater, unless otherwise specified.

Phthalate Plasticizer and Metabolite Standards (continued)

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|--|---|-------------------|--------|----------|
| Diisonyl phthalate | | | | |
| Di-(3,5,5-trimethyl-1-hexyl) phthalate | | | | |
| CLM-4587-MT-1.2 | Mono-(3,5,5-trimethyl-1-hexyl) phthalate (ring-1,2- ¹³ C ₂ , dicarboxyl- ¹³ C ₂ , 99%) | 100 µg/mL in MTBE | 1.2 mL | ¥156,400 |
| ULM-4651-MT-1.2 | Mono-(3,5,5-trimethyl-1-hexyl) phthalate (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥92,800 |
| Di-(4-methyloctyl) phthalate | | | | |
| CLM-10192-1.2 | Mono-(4-methyl-7-carboxyheptyl) phthalate (ring-1,2- ¹³ C ₂ , dicarboxyl- ¹³ C ₂ , 99%) | 100 µg/mL in MTBE | 1.2 mL | ¥187,000 |
| ULM-10193-1.2 | Mono-(4-methyl-7-carboxyheptyl) phthalate (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥107,000 |
| CLM-10188-1.2 | Mono-(4-methyl-7-hydroxyoctyl) phthalate (ring-1,2- ¹³ C ₂ , dicarboxyl- ¹³ C ₂ , 99%) | 100 µg/mL in MTBE | 1.2 mL | ¥187,000 |
| ULM-10189-1.2 | Mono-(4-methyl-7-hydroxyoctyl) phthalate (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥107,000 |
| CLM-10190-1.2 | Mono-(4-methyl-7-oxooctyl) phthalate (ring-1,2- ¹³ C ₂ , dicarboxyl- ¹³ C ₂ , 99%) | 100 µg/mL in MTBE | 1.2 mL | ¥192,000 |
| ULM-10191-1.2 | Mono-(4-methyl-7-oxooctyl) phthalate (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥109,400 |
| Di-(7-methyloctyl) phthalate | | | | |
| CLM-10305-1.2 | Mono-(7-carboxyoctyl) phthalate (ring-1,2- ¹³ C ₂ , dicarboxyl- ¹³ C ₂ , 99%) | 100 µg/mL in MTBE | 1.2 mL | ¥192,000 |
| ULM-10306-1.2 | Mono-(7-carboxyoctyl) phthalate (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥109,400 |
| Diisodecyl phthalate | | | | |
| Di-(3,7-dimethyl-1-octyl) phthalate | | | | |
| CLM-4588-MT-1.2 | Mono-(3,7-dimethyl-1-octyl) phthalate (ring-1,2- ¹³ C ₂ , dicarboxyl- ¹³ C ₂ , 99%) | 100 µg/mL in MTBE | 1.2 mL | ¥156,400 |
| ULM-4652-MT-1.2 | Mono-(3,7-dimethyl-1-octyl) phthalate (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥92,800 |
| Di-(4,7-dimethyloctyl) phthalate | | | | |
| CLM-10196-1.2 | Mono-(4-methyl-7-carboxyoctyl) phthalate (ring-1,2- ¹³ C ₂ , dicarboxyl- ¹³ C ₂ , 99%) | 100 µg/mL in MTBE | 1.2 mL | ¥192,000 |
| ULM-10197-1.2 | Mono-(4-methyl-7-carboxyoctyl) phthalate (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥109,400 |
| Di-(8-methyln | | | | |

Phthalate/Phthalate Replacement Metabolites Mixture

| Catalog No. | Description | Amount | Price(¥) |
|-------------|--|----------------|----------|
| ES-5633 | JECS Phthalate/Phthalate Replacement Metabolites Mix | 1.2 mL in MTBE | ¥212,000 |
| | Unlabeled | (ng/mL) | |
| | Mono-(4-methyl-7-hydroxyoctyl) phthalate | 200 | |
| | Mono-(4-methyl-7-oxooctyl) phthalate | 200 | |
| | Mono-(4-methyl-7-carboxyheptyl) phthalate | 200 | |
| | Mono-(4-methyl-7-carboxyoctyl) phthalate | 200 | |
| | Mono-(8-carboxynonyl) phthalate | 200 | |
| | Mono-(7-carboxyoctyl) phthalate | 200 | |
| | Cyclohexane-1,2-dicarboxylic acid, mono-(4-methyloctyl) ester | 200 | |
| | Cyclohexane-1,2-dicarboxylic acid, mono-(7-hydroxy-4-methyloctyl) ester | 200 | |
| | Cyclohexane-1,2-dicarboxylic acid, mono-(4-methyl-7-oxooctyl) ester | 200 | |
| | Cyclohexane-1,2-dicarboxylic acid, mono-(7-carboxy-4-methylheptyl) ester | 200 | |
| | 1,2,4-Benzenetricarboxylic acid, 1,2-bis(2-ethylhexyl) ester | 200 | |
| | 1,2,4-Benzenetricarboxylic acid, 1,4-bis(2-ethylhexyl) ester | 200 | |
| | Mono-(6-hydroxy-2-propylheptyl) phthalate | 200 | |
| | Mono-(6-oxo-2-propylheptyl) phthalate | 200 | |
| | Mono-(6-carboxy-2-propylhexyl) phthalate | 200 | |
| | Monomethyl phthalate | 2000 | |
| | Monoethyl phthalate | 2000 | |
| | Mono-n-butyl phthalate | 2000 | |
| | Monoisobutyl phthalate | 2000 | |
| | Monobenzyl phthalate | 2000 | |
| | Mono-n-pentyl phthalate | 2000 | |
| | Monocyclohexyl phthalate | 2000 | |
| | Mono-2-ethylhexyl phthalate | 2000 | |
| | Mono-(2-ethyl-5-hydroxyhexyl) phthalate | 2000 | |
| | Mono-(2-ethyl-5-oxohexyl) phthalate | 2000 | |
| | Mono-(2-ethyl-5-carboxypentyl) phthalate | 2000 | |
| | Mono-[2-(carboxymethyl)hexyl] phthalate | 2000 | |
| | Mono-n-octyl phthalate | 2000 | |
| | Mono-(3,5,5-trimethyl-1-hexyl) phthalate | 2000 | |
| | Mono-2-ethylhexyl terephthalate | 2000 | |
| | Mono-(3-carboxypropyl) phthalate | 2000 | |

Chemical purity (CP) is 98% or greater, unless otherwise specified.

Related Products

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|-----------------|---|---------------------------|--------|----------|
| CLM-4325-1.2 | Bisphenol A (ring- ¹³ C ₁₂ , 99%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥125,000 |
| ULM-7106-1.2 | Bisphenol A (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥35,600 |
| CLM-9776-1.2 | Bisphenol AF (ring- ¹³ C ₁₂ , 99%) | 100 µg/mL in methanol | 1.2 mL | ¥141,000 |
| ULM-9779-1.2 | Bisphenol AF (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥47,400 |
| ULM-9830-1.2 | Bisphenol AP (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥47,400 |
| CLM-9851-1.2 | Bisphenol B (ring- ¹³ C ₁₂ , 99%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥144,600 |
| ULM-9852-1.2 | Bisphenol B (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥47,400 |
| ULM-9826-1.2 | Bisphenol E (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥47,400 |
| CLM-9866-1.2 | Bisphenol F (ring- ¹³ C ₁₂ , 99%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥144,600 |
| ULM-9827-1.2 | Bisphenol F (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥47,400 |
| ULM-9829-1.2 | Bisphenol P (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥47,400 |
| CLM-9319-1.2 | Bisphenol S (¹³ C ₁₂ , 98%) | 100 µg/mL in methanol | 1.2 mL | ¥144,600 |
| ULM-9320-1.2 | Bisphenol S (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥47,400 |
| ULM-9828-1.2 | Bisphenol Z (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥47,400 |
| ULM-9831-1.2 | Bisphenol A β-D-glucuronide (unlabeled) CP 90% | 100 µg/mL in methanol | 1.2 mL | ¥144,600 |
| ULM-9832-1.2 | Bisphenol A bis-(β-D-glucuronide), disodium salt (unlabeled) CP 90% | 100 µg/mL in methanol | 1.2 mL | ¥144,600 |
| ULM-9833-1.2 | Bisphenol A bisulfate, disodium salt (unlabeled) CP 90% | 100 µg/mL in methanol | 1.2 mL | ¥109,400 |
| CLM-4675-1.2 | Bis(2-ethylhexyl)adipate (adipate- ¹³ C ₆ , 99%) | 100 µg/mL in nonane | 1.2 mL | ¥128,000 |
| ULM-6566-1.2 | Bis(2-ethylhexyl)adipate (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥64,000 |
| CLM-4323-MT-1.2 | Phthalic acid (ring-1,2- ¹³ C ₂ , dicarboxyl- ¹³ C ₂ , 99%) | 100 µg/mL in MTBE | 1.2 mL | お問い合わせ |
| ULM-8301-MT-1.2 | Phthalic acid (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥27,200 |

Chemical purity (CP) is 98% or greater, unless otherwise specified.



Polychlorinated Naphthalenes (PCNs)

Labeled Polychlorinated Naphthalene (PCN) Standards

| Catalog No. | Description | PCN No. | Concentration | Amount | Price(¥) |
|--------------|--|---------|----------------------|--------|----------|
| ECN-5217 | 2-MonoCN (¹³ C ₁₀ , 99%) | 2 | 10 µg/mL in isoctane | 1.2 mL | ¥161,000 |
| DLM-2005-1.2 | 2-MonoCN (D ₇ , 98%) | 2 | 100 µg/mL in nonane | 1.2 mL | ¥82,600 |
| ECN-5520 | 1,5-DiCN (¹³ C ₁₀ , 99%) | 6 | 10 µg/mL in isoctane | 1.2 mL | ¥161,000 |
| ECN-5602 | 1,8-DiCN (¹³ C ₁₀ , 99%) | 9 | 10 µg/mL in isoctane | 1.2 mL | ¥161,000 |
| ECN-5575 | 1,2,3-TriCN (¹³ C ₁₀ , 99%) | 13 | 10 µg/mL in isoctane | 1.2 mL | ¥169,000 |
| ECN-5240 | 1,2,3,4-TetraCN (¹³ C ₁₀ , 99%) | 27 | 10 µg/mL in isoctane | 1.2 mL | ¥182,000 |
| ECN-5241 | 1,3,5,7-TetraCN (¹³ C ₁₀ , 99%) | 42 | 10 µg/mL in isoctane | 1.2 mL | ¥182,000 |
| ECN-5250 | 1,2,3,5,7-PentaCN (¹³ C ₁₀ , 99%) | 52 | 10 µg/mL in isoctane | 1.2 mL | ¥182,000 |
| ECN-5260 | 1,2,3,4,5,7-HexaCN (¹³ C ₁₀ , 99%) | 64 | 10 µg/mL in isoctane | 1.2 mL | ¥182,000 |
| ECN-5267 | 1,2,3,4,5,8-HexaCN (¹³ C ₁₀ , 99%) | 65 | 10 µg/mL in isoctane | 1.2 mL | ¥182,000 |
| ECN-5261-A | 1,2,3,5,6,7-HexaCN (¹³ C ₁₀ , 98%) | 67 | 10 µg/mL in isoctane | 1.2 mL | ¥182,000 |
| ECN-5270-A | 1,2,3,4,5,6,7-HeptaCN (¹³ C ₁₀ , 98%) | 73 | 10 µg/mL in isoctane | 1.2 mL | ¥182,000 |
| ECN-5280 | OctaCN (¹³ C ₁₀ , 99%) | 75 | 10 µg/mL in isoctane | 1.2 mL | ¥182,000 |

| Catalog No. | Description | Amount | | | | | | Price(¥) |
|--|---|---------------------------------|-----|-----|-----|-----|-----|----------|
| ECN-5577 | Mono-Octa PCN Calibration Series CS1- CS5 | 5 × 0.25 mL in nonane/ isoctane | | | | | | ¥623,000 |
| ECN-5577-CS6 | Mono-Octa PCN Calibration Solution (CS6) (not included in ECN-5577) | 0.25 mL in nonane/ isoctane | | | | | | ¥133,000 |
| <i>All concentrations are in ng/mL</i> | | | | | | | | |
| Unlabeled | | PCN No. | CS1 | CS2 | CS3 | CS4 | CS5 | CS6 |
| 2-MonoCN | | 2 | 0.2 | 1 | 5 | 20 | 100 | 500 |
| 1,5-DiCN | | 6 | 0.2 | 1 | 5 | 20 | 100 | 500 |
| 1,2,3-TriCN | | 13 | 0.2 | 1 | 5 | 20 | 100 | 500 |
| 1,2,3,4-Tetra CN | | 27 | 0.2 | 1 | 5 | 20 | 100 | 500 |
| 1,2,3,5-TetraCN | | 28 | 0.2 | 1 | 5 | 20 | 100 | 500 |
| 1,3,5,7-TetraCN | | 42 | 0.2 | 1 | 5 | 20 | 100 | 500 |
| 1,4,5,8-TetraCN | | 46 | 0.2 | 1 | 5 | 20 | 100 | 500 |
| 2,3,6,7-TetraCN | | 48 | 0.2 | 1 | 5 | 20 | 100 | 500 |
| 1,2,3,4,5-PentaCN | | 49 | 0.2 | 1 | 5 | 20 | 100 | 500 |
| 1,2,3,4,6-PentaCN | | 50 | 0.2 | 1 | 5 | 20 | 100 | 500 |
| 1,2,3,5,7-PentaCN | | 52 | 0.2 | 1 | 5 | 20 | 100 | 500 |
| 1,2,3,5,8-PentaCN | | 53 | 0.2 | 1 | 5 | 20 | 100 | 500 |
| 1,2,3,4,5,8-HexaCN | | 65 | 0.2 | 1 | 5 | 20 | 100 | 500 |
| 1,2,3,5,6,7-HexaCN | | 67 | 0.2 | 1 | 5 | 20 | 100 | 500 |
| 1,2,3,5,6,8-HexaCN | | 68 | 0.2 | 1 | 5 | 20 | 100 | 500 |
| 1,2,3,5,7,8-HexaCN | | 69 | 0.2 | 1 | 5 | 20 | 100 | 500 |
| 1,2,3,6,7,8-HexaCN | | 70 | 0.2 | 1 | 5 | 20 | 100 | 500 |
| 1,2,4,5,7,8-HexaCN | | 72 | 0.2 | 1 | 5 | 20 | 100 | 500 |
| 1,2,3,4,5,6,7-HeptaCN | | 73 | 0.2 | 1 | 5 | 20 | 100 | 500 |
| OctaCN | | 75 | 0.2 | 1 | 5 | 20 | 100 | 500 |
| Cleanup | | | | | | | | |
| MonoCN Isomer Mix (87% 2-MonoCN, 13% 1-MonoCN) (¹³ C ₁₀ , 99%) | | 1, 2 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,5-DiCN (¹³ C ₁₀ , 99%) | | 6 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,2,3-TriCN (¹³ C ₁₀ , 99%) | | 13 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,3,5,7-TetraCN (¹³ C ₁₀ , 99%) | | 42 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,2,3,5,7-PentaCN (¹³ C ₁₀ , 99%) | | 52 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,2,3,4,5,8-HexaCN (¹³ C ₁₀ , 99%) | | 65 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,2,3,5,6,7-HexaCN (¹³ C ₁₀ , 99%) | | 67 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,2,3,4,5,6,7-HeptaCN (¹³ C ₁₀ , 99%) | | 73 | 10 | 10 | 10 | 10 | 10 | 10 |
| OctaCN (¹³ C ₁₀ , 99%) | | 75 | 10 | 10 | 10 | 10 | 10 | 10 |
| Syringe | | | | | | | | |
| 2,5-DiCB (PCB-9) (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2',5,5'-TetraCB (PCB-52) (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2',4,5,5'-PentaCB (PCB-101) (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2',3,4,4',5'-HexaCB (PCB-138) (¹³ C ₁₂ , 98%) | | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2',3,3',4,4',5,5'-OctaCB (PCB-194) (¹³ C ₁₂ , 98%) | | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Sampling | | | | | | | | |
| 1,8-DiCN (¹³ C ₁₀ , 99%) | | 9 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,2,3,4-TetraCN (¹³ C ₁₀ , 99%) | | 27 | 10 | 10 | 10 | 10 | 10 | 10 |



| Catalog No. | Description | Amount | Price(¥) |
|-----------------|---|--------------------|----------|
| ECN-5578 | Mono-Octa PCN Cleanup Standard Spiking Solution | 1.2 mL in isoctane | ¥409,000 |
| | Labeled | PCN No. (ng/mL) | |
| | MonoCN Isomer Mix (87% 2-MonoCN, 13% 1-MonoCN) (¹³ C ₁₀ , 99%) | 1, 2 1000 | |
| | 1,5-DiCN (¹³ C ₁₀ , 99%) | 6 1000 | |
| | 1,2,3-TriCN (¹³ C ₁₀ , 99%) | 13 1000 | |
| | 1,3,5,7-TetraCN (¹³ C ₁₀ , 99%) | 42 1000 | |
| | 1,2,3,5,7-PentaCN (¹³ C ₁₀ , 99%) | 52 1000 | |
| | 1,2,3,4,5,8-HexaCN (¹³ C ₁₀ , 99%) | 65 1000 | |
| | 1,2,3,5,6,7-HexaCN (¹³ C ₁₀ , 98%) | 67 1000 | |
| | 1,2,3,4,5,6,7-HeptaCN (¹³ C ₁₀ , 98%) | 73 1000 | |
| | OctaCN (¹³ C ₁₀ , 99%) | 75 1000 | |
| EC-4979-A | Mono-Octa PCN Syringe Standard Spiking Solution | 1.2 mL in nonane | ¥228,000 |
| | Labeled | (ng/mL) | |
| | 2,5-DiCB (PCB-9) (¹³ C ₁₂ , 99%) | 1000 | |
| | 2,2',5,5'-TetraCB (PCB-52) (¹³ C ₁₂ , 99%) | 1000 | |
| | 2,2',4,5,5'-PentaCB (PCB-101) (¹³ C ₁₂ , 99%) | 1000 | |
| | 2,2',3,4,4',5'-HexaCB (PCB-138) (¹³ C ₁₂ , 98%) | 1000 | |
| | 2,2',3,3',4,4',5,5'-OctaCB (PCB-194) (¹³ C ₁₂ , 98%) | 1000 | |
| ECN-5603 | Mono-Octa PCN Sampling Spike Solution | 1.2 mL in isoctane | ¥136,600 |
| | Labeled | PCN No. (ng/mL) | |
| | 1,8-DiCN (¹³ C ₁₀ , 99%) | 9 1000 | |
| | 1,2,3,4-TetraCN (¹³ C ₁₀ , 99%) | 27 1000 | |
| ECN-5580 | Mono-Octa PCN Native PAR Solution | 1.2 mL in nonane | ¥284,000 |
| ECN-5580-1/1000 | Mono-Octa PCN Native PAR Solution | 1.2 mL in nonane | ¥60,800 |
| | Unlabeled | PCN No. (ng/mL) | |
| | 2-MonoCN | 2 2 2000 | |
| | 1,5-DiCN | 6 2 2000 | |
| | 1,2,3-TriCN | 13 2 2000 | |
| | 1,2,3,4-TetraCN | 27 2 2000 | |
| | 1,2,3,5-TetraCN | 28 2 2000 | |
| | 1,3,5,7-TetraCN | 42 2 2000 | |
| | 1,4,5,8-TetraCN | 46 2 2000 | |
| | 2,3,6,7-TetraCN | 48 2 2000 | |
| | 1,2,3,4,5-PentaCN | 49 2 2000 | |
| | 1,2,3,4,6-PentaCN | 50 2 2000 | |
| | 1,2,3,5,7-PentaCN | 52 2 2000 | |
| | 1,2,3,5,8-PentaCN | 53 2 2000 | |
| | 1,2,3,4,5,8-HexaCN | 65 2 2000 | |
| | 1,2,3,5,6,7-HexaCN | 67 2 2000 | |
| | 1,2,3,5,6,8-HexaCN | 68 2 2000 | |
| | 1,2,3,5,7,8-HexaCN | 69 2 2000 | |
| | 1,2,3,6,7,8-HexaCN | 70 2 2000 | |
| | 1,2,4,5,7,8-HexaCN | 72 2 2000 | |
| | 1,2,3,4,5,6,7-HeptaCN | 73 2 2000 | |
| | OctaCN | 75 2 2000 | |

Continued ▶

Unlabeled Polychlorinated Naphthalene (PCN) Standards

| Catalog No. | Description | PCN No. | Concentration | Amount | Price(¥) |
|----------------------|-----------------------|---------|---------------------|--------|----------|
| ECN-2610 | 1-MonoCN | 1 | 100 µg/mL in nonane | 1 mL | ¥47,400 |
| ECN-2611 | 2-MonoCN | 2 | 100 µg/mL in nonane | 1 mL | ¥47,400 |
| ECN-2620 | 1,2-DiCN | 3 | 100 µg/mL in nonane | 1 mL | ¥92,800 |
| ECN-2621 | 1,4-DiCN | 5 | 100 µg/mL in nonane | 1 mL | ¥92,800 |
| ECN-2622 | 1,5-DiCN | 6 | 100 µg/mL in nonane | 1 mL | ¥92,800 |
| ECN-2623 | 1,8-DiCN | 9 | 100 µg/mL in nonane | 1 mL | ¥92,800 |
| ECN-2624 | 2,3-DiCN | 10 | 100 µg/mL in nonane | 1 mL | ¥92,800 |
| ECN-2630 | 1,2,3-TriCN | 13 | 100 µg/mL in nonane | 1 mL | ¥111,000 |
| ECN-2632 | 1,2,4-TriCN | 14 | 100 µg/mL in nonane | 1 mL | ¥108,000 |
| ECN-2631 | 1,4,6-TriCN | 24 | 100 µg/mL in nonane | 1 mL | ¥108,000 |
| ECN-2640 | 1,2,3,4-TetraCN | 27 | 100 µg/mL in nonane | 1 mL | ¥111,000 |
| ECN-2645 | 1,2,3,5-TetraCN | 28 | 100 µg/mL in nonane | 1 mL | ¥111,000 |
| ECN-2646 | 1,2,3,8-TetraCN | 31 | 100 µg/mL in nonane | 1 mL | ¥111,000 |
| NEW! ECN-2648 | 1,2,4,7-TetraCN | 34 | 100 µg/mL in nonane | 1.2 mL | ¥106,200 |
| ECN-2642 | 1,2,5,6-TetraCN | 36 | 100 µg/mL in nonane | 1 mL | ¥111,000 |
| ECN-2647 | 1,2,7,8-TetraCN | 41 | 100 µg/mL in nonane | 1 mL | ¥108,000 |
| ECN-2641 | 1,3,5,7-TetraCN | 42 | 100 µg/mL in nonane | 1 mL | ¥111,000 |
| ECN-2644 | 1,4,5,8-TetraCN | 46 | 100 µg/mL in nonane | 1 mL | ¥108,000 |
| ECN-2643 | 2,3,6,7-TetraCN | 48 | 100 µg/mL in nonane | 1 mL | ¥111,000 |
| ECN-2654 | 1,2,3,4,5-PentaCN | 49 | 100 µg/mL in nonane | 1 mL | ¥128,000 |
| ECN-2652 | 1,2,3,4,6-PentaCN | 50 | 100 µg/mL in nonane | 1 mL | ¥128,000 |
| ECN-2651 | 1,2,3,5,7-PentaCN | 52 | 100 µg/mL in nonane | 1 mL | ¥128,000 |
| ECN-2650 | 1,2,3,5,8-PentaCN | 53 | 100 µg/mL in nonane | 1 mL | ¥128,000 |
| ECN-2653 | 1,2,3,6,7-PentaCN | 54 | 100 µg/mL in nonane | 1 mL | ¥128,000 |
| ECN-2656 | 1,2,4,5,8-PentaCN | 59 | 100 µg/mL in nonane | 1 mL | ¥125,000 |
| ECN-2655 | 1,2,4,6,7-PentaCN | 60 | 100 µg/mL in nonane | 1 mL | ¥128,000 |
| ECN-2657 | 1,2,4,7,8-PentaCN | 62 | 100 µg/mL in nonane | 1 mL | ¥125,000 |
| ECN-2668 | 1,2,3,4,5,6-HexaCN | 63 | 100 µg/mL in nonane | 1 mL | ¥125,000 |
| ECN-2669 | 1,2,3,4,5,7-HexaCN | 64 | 100 µg/mL in nonane | 1 mL | ¥128,000 |
| ECN-2667 | 1,2,3,4,5,8-HexaCN | 65 | 100 µg/mL in nonane | 1 mL | ¥125,000 |
| ECN-2660 | 1,2,3,4,6,7-HexaCN | 66 | 100 µg/mL in nonane | 1 mL | ¥128,000 |
| ECN-2663 | 1,2,3,5,6,7-HexaCN | 67 | 100 µg/mL in nonane | 1 mL | ¥128,000 |
| ECN-2664 | 1,2,3,5,6,8-HexaCN | 68 | 100 µg/mL in nonane | 1 mL | ¥128,000 |
| ECN-2662 | 1,2,3,5,7,8-HexaCN | 69 | 100 µg/mL in nonane | 1 mL | ¥128,000 |
| ECN-2665 | 1,2,3,6,7,8-HexaCN | 70 | 100 µg/mL in nonane | 1 mL | ¥128,000 |
| ECN-2666 | 1,2,4,5,6,8-HexaCN | 71 | 100 µg/mL in nonane | 1 mL | ¥128,000 |
| ECN-2661 | 1,2,4,5,7,8-HexaCN | 72 | 100 µg/mL in nonane | 1 mL | ¥128,000 |
| ECN-2670 | 1,2,3,4,5,6,7-HeptaCN | 73 | 100 µg/mL in nonane | 1 mL | ¥128,000 |
| ECN-2671 | 1,2,3,4,5,6,8-HeptaCN | 74 | 100 µg/mL in nonane | 1 mL | ¥128,000 |
| ECN-2680 | OctaCN | 75 | 100 µg/mL in nonane | 1 mL | ¥47,400 |



Pyrethroids

Featured Products

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|---------------|--|---------------------|--------|----------|
| DLM-10041-1.2 | Bifenthrin (D_6 , 98%) CP 95% | 100 µg/mL in nonane | 1.2 mL | ¥108,400 |
| ULM-10034-1.2 | Bifenthrin (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥26,800 |
| CLM-7293-1.2 | Cyfluthrin, mix of stereoisomers (phenoxy- $^{13}C_6$, 99%) | 100 µg/mL in nonane | 1.2 mL | ¥155,200 |
| DLM-10043-1.2 | Cyfluthrin, mix of stereoisomers (D_6 , 98%) CP 95% | 100 µg/mL in nonane | 1.2 mL | ¥100,000 |
| ULM-7454-1.2 | Cyfluthrin, mix of stereoisomers (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥23,600 |
| DLM-10039-1.2 | Cyhalothrin (D_6 , 98%) CP 90% | 100 µg/mL in nonane | 1.2 mL | ¥108,400 |
| ULM-10032-1.2 | Cyhalothrin (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥26,800 |
| CLM-7292-1.2 | Cypermethrin, mix of stereoisomers (phenoxy- $^{13}C_6$, 99%) | 100 µg/mL in nonane | 1.2 mL | ¥155,200 |
| DLM-10042-1.2 | Cypermethrin, mix of stereoisomers (D_6 , 98%) | 100 µg/mL in nonane | 1.2 mL | ¥91,800 |
| ULM-7453-1.2 | Cypermethrin, mix of stereoisomers (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥18,800 |
| DLM-10040-1.2 | Deltamethrin (D_6 , 98%) | 100 µg/mL in nonane | 1.2 mL | ¥100,000 |
| ULM-10033-1.2 | Deltamethrin (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥23,600 |
| DLM-10037-1.2 | Fenpropathrin (D_6 , 98%) | 100 µg/mL in nonane | 1.2 mL | ¥108,400 |
| ULM-10023-1.2 | Fenpropathrin (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥26,800 |
| DLM-10035-1.2 | Fenvalerate (D_6 , 98%) | 100 µg/mL in nonane | 1.2 mL | ¥108,400 |
| ULM-10022-1.2 | Fenvalerate (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥26,800 |
| CLM-7322-1.2 | cis-Permethrin (phenoxy- $^{13}C_6$, 99%) | 50 µg/mL in nonane | 1.2 mL | ¥85,200 |
| ULM-8526-1.2 | cis-Permethrin (unlabeled) | 50 µg/mL in nonane | 1.2 mL | ¥26,800 |
| CLM-7323-1.2 | trans-Permethrin (phenoxy- $^{13}C_6$, 99%) | 50 µg/mL in nonane | 1.2 mL | ¥85,200 |
| ULM-8527-1.2 | trans-Permethrin (unlabeled) | 50 µg/mL in nonane | 1.2 mL | ¥26,800 |
| DLM-10036-1.2 | Permethrin (<i>cis/trans</i> mix) (D_6 , 98%) | 100 µg/mL in nonane | 1.2 mL | ¥91,800 |
| ULM-10018-1.2 | Permethrin (<i>cis/trans</i> mix) (unlabeled) CP 95% | 100 µg/mL in nonane | 1.2 mL | ¥18,800 |
| DLM-10038-1.2 | Tefluthrin (D_6 , 98%) | 100 µg/mL in nonane | 1.2 mL | ¥108,400 |
| ULM-10031-1.2 | Tefluthrin (unlabeled) CP 90% | 100 µg/mL in nonane | 1.2 mL | ¥26,800 |

CP = chemical purity

Continued ▶

Related Products

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|-------------------------------|---|--|---------|----------|
| NEW! CDLM-11258-1.2 | Chrysanthemum dicarboxylic acid (propenyl- ^{13}C , 99%; 3,3-D ₃ , 98%) CP 96% | 100 µg/mL in acetonitrile | 1.2 mL | ¥313,200 |
| NEW! ULM-11259-1.2 | Chrysanthemum dicarboxylic acid (unlabeled) CP 96% | 100 µg/mL in acetonitrile | 1.2 mL | ¥138,400 |
| NEW! CDLM-11258-MT-1.2 | Chrysanthemum dicarboxylic acid (propenyl- ^{13}C , 99%; 3,3-D ₃ , 98%) CP 96% | 100 µg/mL in MTBE | 1.2 mL | ¥313,200 |
| NEW! ULM-11259-MT-1.2 | Chrysanthemum dicarboxylic acid (unlabeled) CP 96% | 100 µg/mL in MTBE | 1.2 mL | ¥138,400 |
| CDLM-10692-1.2 | cis-DBCA (1, carboxyl- $^{13}C_2$, 99%; 1-D, 96%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥156,000 |
| ULM-10693-1.2 | cis-DBCA (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥67,000 |
| NEW! CDLM-10692-MT-1.2 | cis-DBCA (1, carboxyl- $^{13}C_2$, 99%; 1-D, 96%) | 100 µg/mL in MTBE | 1.2 mL | ¥158,400 |
| NEW! ULM-10693-MT-1.2 | cis-DBCA (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥68,600 |
| CDLM-9205-1.2 | cis-DCCA (1,carboxyl- $^{13}C_2$, 99%; 1-D, 97%) | 100 µg/mL in acetonitrile-D ₃ | 1.2 mL | ¥153,000 |
| ULM-9176-1.2 | cis-DCCA (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥70,200 |
| NEW! CDLM-9205-MT-1.2 | cis-DCCA (1,carboxyl- $^{13}C_2$, 99%; 1-D, 97%) | 100 µg/mL in MTBE | 1.2 mL | ¥155,200 |
| NEW! ULM-9176-MT-1.2 | cis-DCCA (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥70,200 |
| CDLM-9206-1.2 | trans-DCCA (1,carboxyl- $^{13}C_2$, 99%; 1-D, 97%) CP 97% | 100 µg/mL in acetonitrile-D ₃ | 1.2 mL | ¥153,000 |
| ULM-9175-1.2 | trans-DCCA (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥70,200 |
| NEW! CDLM-9206-MT-1.2 | trans-DCCA (1,carboxyl- $^{13}C_2$, 99%; 1-D, 97%) CP 97% | 100 µg/mL in MTBE | 1.2 mL | ¥155,200 |
| NEW! ULM-9175-MT-1.2 | trans-DCCA (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥70,200 |
| CLM-7389-1.2 | 4-Fluoro-3-phenoxybenzoic acid ($^{13}C_6$, 99%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥155,200 |
| ULM-7391-1.2 | 4-Fluoro-3-phenoxybenzoic acid (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥70,200 |
| NEW! CDLM-11212-1.2 | 4-Methoxymethyl-2,3,5,6-tetrafluorobenzyl alcohol (methyl- ^{13}C , 99%; methyl-D ₃ , 98%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥243,200 |
| NEW! ULM-11213-1.2 | 4-Methoxymethyl-2,3,5,6-tetrafluorobenzyl alcohol (unlabeled) CP 97% | 100 µg/mL in acetonitrile | 1.2 mL | ¥46,800 |
| CLM-11214-1.2 | 2-Methyl-3-phenylbenzoic acid (phenyl- $^{13}C_6$, 98%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥208,400 |
| NEW! ULM-11215-1.2 | 2-Methyl-3-phenylbenzoic acid (unlabeled) contains ~2% water | 100 µg/mL in acetonitrile | 1.2 mL | ¥46,800 |
| CLM-4542-1.2 | 3-Phenoxybenzoic acid (phenoxy- $^{13}C_6$, 99%) | 100 µg/mL in nonane | 1.2 mL | ¥133,000 |
| CLM-4542-SA-1.2 | 3-Phenoxybenzoic acid (phenoxy- $^{13}C_6$, 99%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥133,000 |
| ULM-6781-1.2 | 3-Phenoxybenzoic acid (unlabeled) | 100 µg/mL in nonane | 1.2 mL | ¥46,800 |
| ULM-6781-SA-1.2 | 3-Phenoxybenzoic acid (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥46,800 |
| NEW! CDLM-11210-1.2 | 2,3,5,6-Tetrafluoro-1,4-benzenedimethanol (bisbenzyl- $^{13}C_2$; bisbenzyl-D ₄ , 95%) CP 95% | 100 µg/mL in acetonitrile | 1.2 mL | ¥243,200 |
| NEW! ULM-11211-1.2 | 2,3,5,6-Tetrafluoro-1,4-benzenedimethanol (unlabeled) CP 95% | 100 µg/mL in acetonitrile | 1.2 mL | ¥46,800 |
| NEW! CDLM-11206-1.2 | 2,3,5,6-Tetrafluoro-4-methylbenzyl alcohol (methyl- ^{13}C , 99%; methyl-D ₃ , 98%) CP 97% | 100 µg/mL in acetonitrile | 1.2 mL | ¥243,200 |
| NEW! ULM-11207-1.2 | 2,3,5,6-Tetrafluoro-4-methylbenzyl alcohol (unlabeled) CP 97% | 100 µg/mL in acetonitrile | 1.2 mL | ¥46,800 |
| NEW! CDLM-11208-MT-1.2 | 2,3,5,6-Tetrafluoro-4-methylbenzoic acid (methyl- ^{13}C , 99%; methyl-D ₃ , 98%) | 100 µg/mL in MTBE | Inquire | ¥243,200 |
| NEW! ULM-11209-MT-1.2 | 2,3,5,6-Tetrafluoro-4-methylbenzoic acid (unlabeled) CP 97% | 100 µg/mL in MTBE | 1.2 mL | ¥43,600 |
| CLM-11204-1.2 | 2,3,5,6-Tetrafluorobenzyl alcohol (ring- $^{13}C_6$, 99%) CP 95% | 100 µg/mL in acetonitrile | 1.2 mL | ¥243,200 |
| NEW! ULM-11205-1.2 | 2,3,5,6-Tetrafluorobenzyl alcohol (unlabeled) CP 95% | 100 µg/mL in acetonitrile | 1.2 mL | ¥46,800 |

CP = chemical purity

Tobacco Specific Nitrosamines (TSNAs)

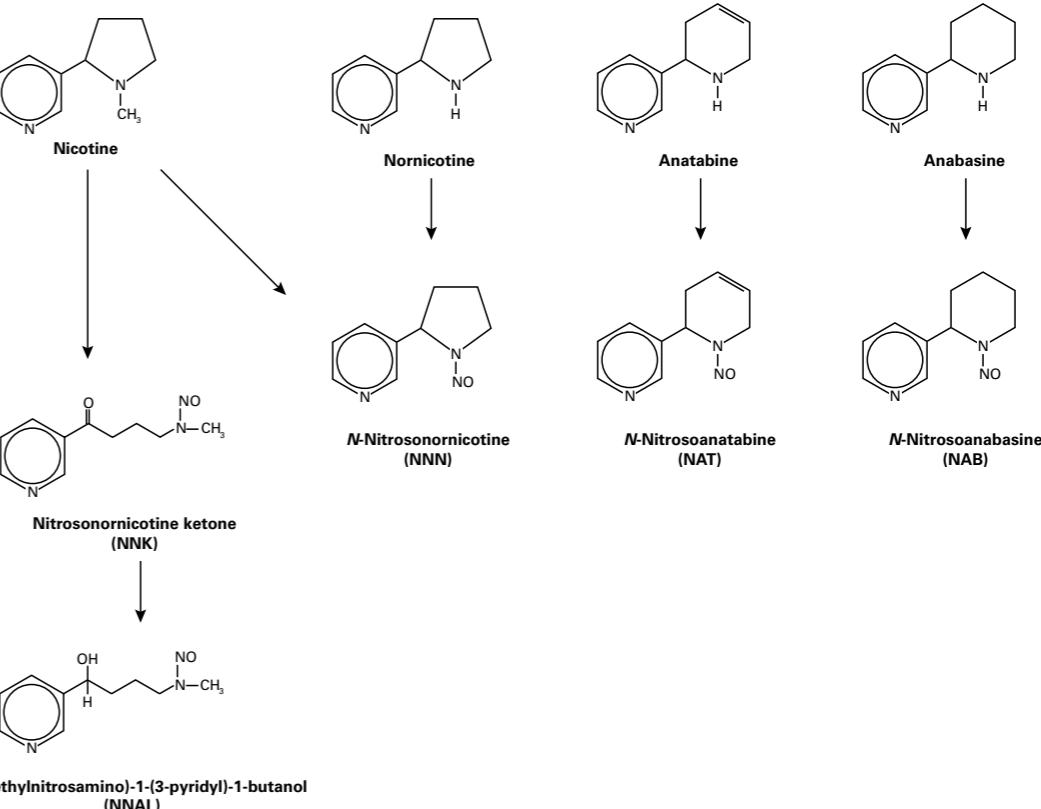
Featured Products

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|------------------|--|-------------------------------------|--------|----------|
| CLM-3914-1.2 | DL-Nicotine (3',4',5'- ¹³ C ₃ , 99%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥177,000 |
| ULM-9547-1.2 | Nicotine (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥35,600 |
| CLM-4555-1.2 | NNK (1,2',3',4',5',6'- ¹³ C ₆ , 99%) | 100 µg/mL in nonane/ethanol (90:10) | 1.2 mL | ¥218,800 |
| CLM-4555-A-1.2 | NNK (1,2',3',4',5',6'- ¹³ C ₆ , 99%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥218,800 |
| ULM-8987-1.2 | NNK (unlabeled) | 100 µg/mL in nonane/ethanol (90:10) | 1.2 mL | ¥47,400 |
| ULM-8987-20X-1.2 | NNK (unlabeled) | 2 mg/mL in acetonitrile | 1.2 mL | ¥71,000 |
| CLM-4556-1.2 | NNAL (1,2',3',4',5',6'- ¹³ C ₆ , 99%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥218,800 |
| ULM-9434-1.2 | NNAL (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥47,400 |
| ULM-9434-20X-1.2 | NNAL (unlabeled) | 2 mg/mL in acetonitrile | 1.2 mL | ¥71,000 |
| CLM-4892-MT-1.2 | DL-Nornicotine (3',4',5'- ¹³ C ₃ , 99%) | 100 µg/mL in MBTE | 1.2 mL | ¥182,000 |
| ULM-2154-MT-1.2 | Nornicotine (unlabeled) | 100 µg/mL in MBTE | 1.2 mL | お問い合わせ |
| CLM-4557-1.2 | NNN (2,2',3,4,5,6'- ¹³ C ₆ , 99%) | 100 µg/mL in nonane:ethanol (90:10) | 1.2 mL | ¥218,800 |
| CLM-4557-A-1.2 | NNN (2,2',3,4,5,6'- ¹³ C ₆ , 99%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥233,400 |
| ULM-9406-1.2 | NNN (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥47,400 |
| ULM-9406-20X-1.2 | NNN (unlabeled) | 2 mg/mL in acetonitrile | 1.2 mL | ¥71,000 |
| CLM-6651-1.2 | Anabasine (2,2',3,4,5,6'- ¹³ C ₆ , 99%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥218,800 |
| ULM-7281-1.2 | Anabasine (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥47,400 |
| CLM-6705-1.2 | NAB (<i>N'</i> -Nitrosoanabasine) (¹³ C ₆ , 99%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥218,800 |
| ULM-7168-1.2 | NAB (<i>N'</i> -Nitrosoanabasine) (unlabeled) | 500 µg/mL in acetonitrile | 1.2 mL | ¥47,400 |
| ULM-7168-4X-1.2 | NAB (<i>N'</i> -Nitrosoanabasine) (unlabeled) | 2 mg/mL in acetonitrile | 1.2 mL | ¥71,000 |
| CLM-6652-1.2 | Anatabine (2,2',3,4,5,6'- ¹³ C ₆ , 99%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥218,800 |
| ULM-7282-1.2 | Anatabine (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥47,400 |
| CLM-6704-1.2 | NAT (<i>N'</i> -Nitrosoanatabine) (¹³ C ₆ , 99%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥218,800 |
| ULM-7207-1.2 | NAT (<i>N'</i> -Nitrosoanatabine) (unlabeled) | 2000 µg/mL in acetonitrile | 1.2 mL | ¥71,000 |
| DLM-1819-1.2 | DL-Cotinine (methyl-D ₃ , 98%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥116,800 |
| ULM-9614-1.2 | Cotinine (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥38,000 |
| CLM-4896-1.2 | DL-Norcotinine (3',4',5'- ¹³ C ₃ , 99%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥194,000 |
| ULM-9615-1.2 | Norcotinine (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥38,000 |

Continued ▶

Related Products

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|----------------------|--|---------------------------|--------|----------|
| CDLM-11053-1.2 | Vitamin E (α -tocopherol) (dimethyl- ¹³ C ₂ , 99%; dimethyl-D ₆ , 98%) | 100 µg/mL in methanol | 1.2 mL | ¥136,000 |
| NEW! ULM-9127-1.2 | Vitamin E (α -tocopherol) (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥33,800 |
| NEW! CDLM-11054-1.2 | Vitamin E acetate (dimethyl- ¹³ C ₂ , acetyl- ¹³ C ₂ , 99%; dimethyl-D ₆ , 98%) | 100 µg/mL in methanol | 1.2 mL | ¥164,000 |
| NEW! ULM-11055-1.2 | Vitamin E acetate (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥33,800 |
| NEW! DLM-11063-1.2 | Nicotelline (2,2',4,4',5,5',6,6'-D ₈ , 97%) | 100 µg/mL in acetonitrile | 1.2 mL | ¥175,000 |
| NEW! ULM-11060-1.2 | Nicotelline (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥81,000 |
| NEW! ULM-11061-1.2 | Nicotelline-N-oxide (unlabeled), mix of regioisomers | 100 µg/mL in methanol | 1.2 mL | ¥97,600 |
| NEW! DLM-11074-1.2 | cis/trans-Anatalline-3HCl (D ₃ , 98%) | 100 µg/mL in methanol-OD | 1.2 mL | ¥175,000 |
| NEW! ULM-11075-1.2 | cis/trans-Anatalline-3HCl (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥81,000 |
| DLM-1818 | DL-Nicotine (methyl-D ₃ , 98%) | TBD – Request | お問い合わせ | |
| CLM-4893 | DL-Cotinine-N-oxide (3',4',5'- ¹³ C ₃ , 99%) | TBD – Request | お問い合わせ | |
| DLM-4717 | Cotinine glucuronide (N-methyl-D ₃ , 98%) | TBD – Request | お問い合わせ | |
| ULM-4716 | Cotinine glucuronide (unlabeled) | TBD – Request | お問い合わせ | |
| DLM-9017 | DL-Nornicotine (pyridine-D ₄ , 98%) | TBD – Request | お問い合わせ | |
| DLM-6883 | Nicotinamide (D ₃ , 98%) | TBD – Request | お問い合わせ | |
| DLM-4578 | Nicotinic acid (D ₄ , 98%) | TBD – Request | お問い合わせ | |
| CNLM-9512-0.001 | Nicotinic acid (2,6-carboxyl- ¹³ C ₃ , 99%; ¹⁵ N, 98%) | neat | 1 mg | お問い合わせ |
| DLM-2872 | Nicotinic acid, ethyl ester (2,4,5,6-D ₄ , 98%) | TBD – Request | お問い合わせ | |
| NEW! ULM-11062-1.2 | (+)-trans-3'-Hydroxycotinine (unlabeled) | 100 µg/mL in acetonitrile | 1.2 mL | ¥33,800 |
| NEW! ULM-11062-M-1.2 | (+)-trans-3'-Hydroxycotinine (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥33,800 |
| NEW! ULM-11187-1.2 | trans-3'-Hydroxycotinine-O-glucuronide, ammonium salt (unlabeled) CP 97% | 100 µg/mL in methanol | 1.2 mL | ¥45,800 |
| DLM-4412-25 | (-)-Menthol (1,2,6,6-D ₄ , 98%) | neat | 25 mg | ¥206,200 |
| NEW! ULM-11045-1.2 | Menthol (unlabeled) | 1 mg/mL in methanol | 1.2 mL | ¥45,800 |
| NEW! DLM-6163-1.2 | Menthol glucuronide, ammonium salt (1,2,6,6-D ₄ , 96-98%) | 100 µg/mL in methanol | 1.2 mL | ¥175,000 |
| NEW! ULM-9093-1.2 | Menthol glucuronide, ammonium salt (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥45,800 |





Toxaphene Congeners

Featured Products (* indicates M8276 target analyte)

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|---------------|--|--------------------|--------|----------|
| ULM-9428-1.2* | HX-SED (unlabeled) | 10 µg/mL in nonane | 1.2 mL | ¥91,800 |
| ULM-9429-1.2* | HP-SED (unlabeled) | 10 µg/mL in nonane | 1.2 mL | ¥91,800 |
| ULM-7828-1.2* | Parlar 26 (unlabeled) | 10 µg/mL in nonane | 1.2 mL | ¥91,800 |
| ULM-8665-1.2 | Parlar 32 (unlabeled) | 10 µg/mL in nonane | 1.2 mL | ¥91,800 |
| ULM-9005-1.2 | Parlar 38 (unlabeled) | 10 µg/mL in nonane | 1.2 mL | ¥91,800 |
| ULM-8767-1.2 | Parlar 39 (unlabeled) | 10 µg/mL in nonane | 1.2 mL | ¥91,800 |
| ULM-9430-1.2* | Parlar 40 (unlabeled) | 10 µg/mL in nonane | 1.2 mL | ¥91,800 |
| ULM-9431-1.2* | Parlar 41 (unlabeled) | 10 µg/mL in nonane | 1.2 mL | ¥91,800 |
| ULM-9432-1.2* | Parlar 44 (unlabeled) | 10 µg/mL in nonane | 1.2 mL | ¥91,800 |
| ULM-7829-1.2* | Parlar 50 (unlabeled) | 10 µg/mL in nonane | 1.2 mL | ¥91,800 |
| ULM-7830-1.2* | Parlar 62 (unlabeled) | 10 µg/mL in nonane | 1.2 mL | ¥91,800 |
| ULM-8768-1.2 | Parlar 69 (unlabeled) | 10 µg/mL in nonane | 1.2 mL | ¥91,800 |
| ULM-8769-1.2 | Parlar 70 (unlabeled) | 10 µg/mL in nonane | 1.2 mL | ¥91,800 |
| CLM-7930-1.2 | Parlar 26 (¹³ C ₁₀ , 99%) | 10 µg/mL in nonane | 1.2 mL | ¥486,400 |
| CLM-8705-1.2 | Parlar 32 (¹³ C ₁₀ , 99%) | 10 µg/mL in nonane | 1.2 mL | ¥486,400 |
| CLM-8719-1.2 | Parlar 39 (¹³ C ₁₀ , 99%) | 10 µg/mL in nonane | 1.2 mL | ¥486,400 |
| CLM-7931-1.2 | Parlar 50 (¹³ C ₁₀ , 99%) | 10 µg/mL in nonane | 1.2 mL | ¥486,400 |
| CLM-7932-1.2 | Parlar 62 (¹³ C ₁₀ , 99%) | 10 µg/mL in nonane | 1.2 mL | ¥486,400 |
| CLM-8720-1.2 | Parlar 69 (¹³ C ₁₀ , 99%) | 10 µg/mL in nonane | 1.2 mL | ¥486,400 |
| CLM-8721-1.2 | Parlar 70 (¹³ C ₁₀ , 99%) | 10 µg/mL in nonane | 1.2 mL | ¥486,400 |

1. <http://chm.pops.int/TheConvention/ThePOPs/The12InitialPOPs/tabid/296/Default.aspx>

2. <http://www.epa.gov/osw/hazard/testmethods/pdfs/8276.pdf>

Related Products

| Catalog No. | Description | Amount | Price(¥) |
|-------------|--|-----------------------|----------|
| ES-5543 | US EPA Method 8276 Composite Stock Standard | 1.2 mL in nonane | ¥133,000 |
| | Unlabeled | Concentration (ng/mL) | |
| | HX-SED | 1000 | |
| | HP-SED | 1000 | |
| | Parlar 26 | 1000 | |
| | Parlar 40 | 1000 | |
| | Parlar 41 | 1000 | |
| | Parlar 44 | 1000 | |
| | Parlar 50 | 1000 | |
| | Parlar 62 | 1000 | |
| ES-5544 | US EPA Method 8276 Surrogate Standard | 1.2 mL in nonane | ¥220,400 |
| | Labeled | Concentration (ng/mL) | |
| | Parlar 26 (¹³ C ₁₀ , 99%) | 100 | |
| | Parlar 50 (¹³ C ₁₀ , 99%) | 100 | |
| | Parlar 62 (¹³ C ₁₀ , 99%) | 100 | |
| ES-5545 | US EPA Method 8276 Toxaphene Injection Internal Standard | 1.2 mL in nonane | ¥75,000 |
| | Labeled | Concentration (ng/mL) | |
| | Parlar 39 (¹³ C ₁₀ , 99%) | 100 | |

Continued ▶



Neonicotinoid Pesticides

Neonicotinoid Pesticides

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|----------------|---|-----------------------|--------|----------|
| CLM-9653-1.2 | Acetamiprid (pyridylmethyl- ¹³ C ₆ , 99%) | 100 µg/mL in methanol | 1.2 mL | ¥177,000 |
| ULM-9734-1.2 | Acetamiprid (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥35,400 |
| CNLM-9940-1.2 | Clothianidin (methylene- ¹³ C, 99%; thiazole- ¹³ C ₃ , 99%; ¹⁵ N, 98%) | 100 µg/mL in methanol | 1.2 mL | ¥177,000 |
| ULM-9941-1.2 | Clothianidin (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥35,400 |
| CLM-9594-1.2 | Dinotefuran (furylmethyl- ¹³ C ₅ , 99%) | 100 µg/mL in methanol | 1.2 mL | ¥177,000 |
| ULM-9732-1.2 | Dinotefuran (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥35,400 |
| NOLM-10860-1.2 | Flonicamid (¹⁸ O, 96%; amide- ¹⁵ N, 98%) | 100 µg/mL in methanol | 1.2 mL | ¥131,600 |
| ULM-10861-1.2 | Flonicamid (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥33,400 |
| CLM-10767-1.2 | Imidacloprid (pyridylmethyl- ¹³ C ₆ , 99%) | 100 µg/mL in methanol | 1.2 mL | ¥173,400 |
| DLM-8512-1.2 | Imidacloprid (4,4,5,5-D ₄ , 98%) | 100 µg/mL in methanol | 1.2 mL | ¥135,200 |
| ULM-8513-1.2 | Imidacloprid (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥35,400 |
| CNLM-10545-1.2 | Nitenpyram (methyl- ¹³ C, ethyl- ¹³ C ₂ , 99%; ethenediamine- ¹⁵ N ₂ , 98%) | 100 µg/mL in methanol | 1.2 mL | ¥156,000 |
| ULM-10670-1.2 | Nitenpyram (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥33,400 |
| CDNL-10884-1.2 | Sulfoxaflor (2-methyl- ¹³ C, 99%; D ₃ , 98%; cyanamide- ¹⁵ N ₂ , 98%; ¹³ C, 98%) | 100 µg/mL in methanol | 1.2 mL | ¥185,200 |
| CNLM-9869-1.2 | Sulfoxaflor (cyano- ¹³ C, 99%; cyano- ¹⁵ N, imine- ¹⁵ N, 98%) | 100 µg/mL in methanol | 1.2 mL | ¥180,000 |
| ULM-9870-1.2 | Sulfoxaflor (unlabeled) mix of geometric isomers | 100 µg/mL in methanol | 1.2 mL | ¥35,400 |
| CLM-9652-1.2 | Thiacloprid (pyridylmethyl- ¹³ C ₆ , 99%) | 100 µg/mL in methanol | 1.2 mL | ¥177,000 |
| ULM-9733-1.2 | Thiacloprid (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥35,400 |
| CNLM-9860-1.2 | Thiamethoxam (methylene- ¹³ C, 99%; thiazole- ¹³ C ₃ , 99%; ¹⁵ N, 98%) | 100 µg/mL in methanol | 1.2 mL | ¥180,000 |
| ULM-9939-1.2 | Thiamethoxam (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥35,400 |

Neonicotinoid Pesticide Metabolites

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|----------------------------|--|-----------------------|--------|----------|
| CNLM-10862-1.2 | Acetamiprid-N-desmethyl (acetimidamide- ¹³ C ₂ , 99%; amine- ¹⁵ N, 98%) | 100 µg/mL in methanol | 1.2 mL | ¥173,400 |
| ULM-10863-1.2 | Acetamiprid-N-desmethyl (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥33,400 |
| CLM-9598-1.2 | 6-Chloronicotinic acid (¹³ C ₆ , 99%) | 100 µg/mL in MTBE | 1.2 mL | ¥180,000 |
| ULM-9604-1.2 | 6-Chloronicotinic acid (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥35,400 |
| CNLM-10864-1.2 | Clothianidin-desmethyl (guanidine- ¹³ C, 99%; 1,3- ¹⁵ N ₂ , 98%) | 100 µg/mL in methanol | 1.2 mL | ¥173,400 |
| ULM-10865-1.2 | Clothianidin-desmethyl (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥33,400 |
| NEW! CNLM-11069-1.2 | 4-Hydroxy-imidacloprid (2- ¹³ C, 99%; 3- ¹⁵ N, 2-amino- ¹⁵ N, 98%) | 100 µg/mL in methanol | 1.2 mL | ¥173,400 |
| NEW! ULM-11070-1.2 | 4-Hydroxy-imidacloprid (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥33,400 |
| NEW! CNLM-11067-1.2 | 5-Hydroxy-imidacloprid (2- ¹³ C, 99%; 3- ¹⁵ N, 2-amino- ¹⁵ N, 98%) | 100 µg/mL in methanol | 1.2 mL | ¥171,000 |
| NEW! ULM-11068-1.2 | 5-Hydroxy-imidacloprid (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥33,000 |

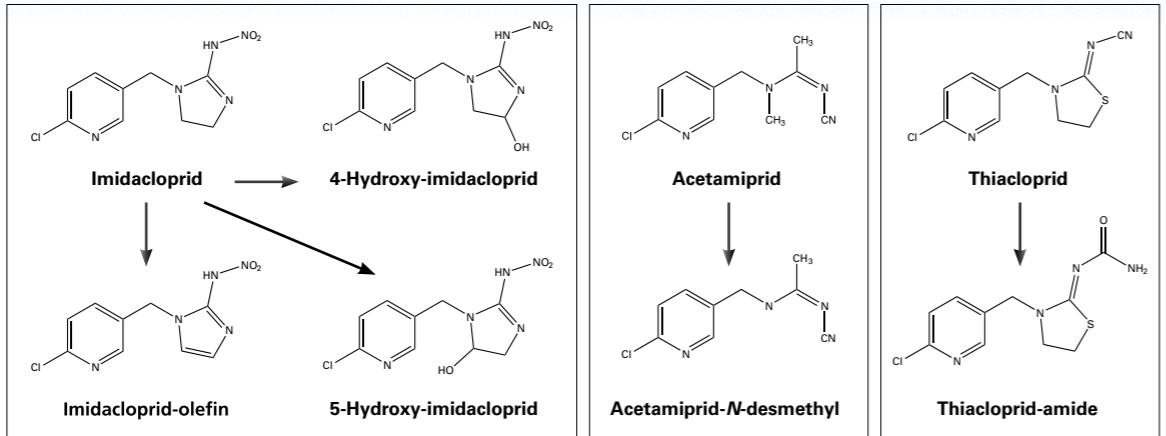
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| Catalog No. | Description | Concentration | Amount | Price(¥) |
|----------------|---|-----------------------|--------|----------|
| CNLM-10866-1.2 | Imidacloprid-olefin (imidazole-1- ¹⁵ N, 98%; 2- ¹³ C, 99%; 2-amino- ¹⁵ N, 98%) | 100 µg/mL in methanol | 1.2 mL | ¥158,400 |
| ULM-10867-1.2 | Imidacloprid-olefin (unlabeled) CP 97% | 100 µg/mL in methanol | 1.2 mL | ¥33,400 |
| CLM-9690-1.2 | 3-Tetrahydrofuroic acid (¹³ C ₅ , 99%) | 100 µg/mL in MTBE | 1.2 mL | ¥161,000 |
| ULM-9691-1.2 | 3-Tetrahydrofuroic acid (unlabeled) | 100 µg/mL in MTBE | 1.2 mL | ¥35,400 |
| CLM-10868-1.2 | Thiacloprid-amide (pyridylmethyl- ¹³ C ₆ , 99%) | 100 µg/mL in methanol | 1.2 mL | ¥193,400 |
| ULM-10869-1.2 | Thiacloprid-amide (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥33,400 |

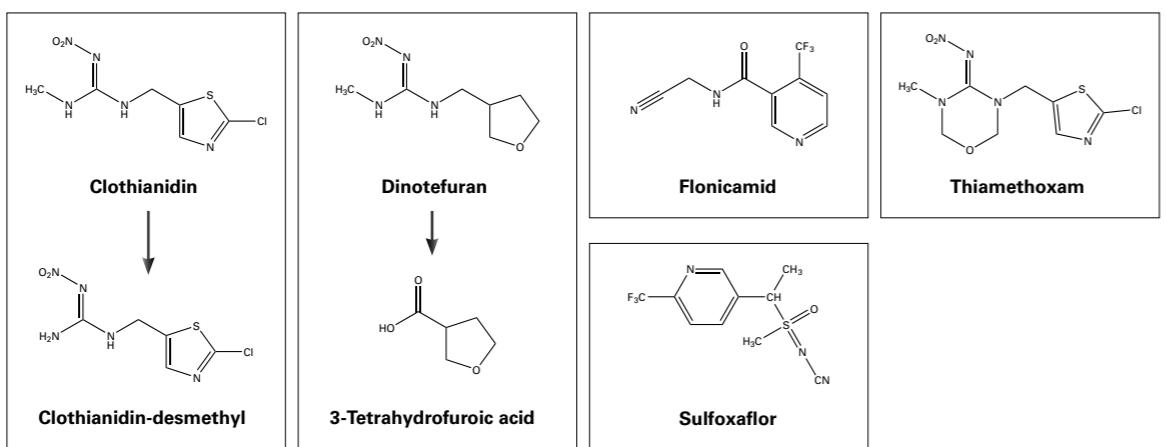
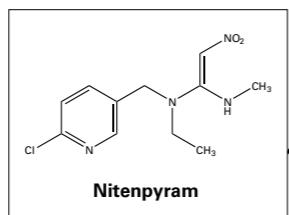
Neonicotinoid Mixtures

| Catalog No. | Description | Amount | Price(¥) |
|---------------------|---|--------------------|----------|
| NEW! ES-5634 | JECS Labeled Neonicotinoid Mixture | 1.2 mL in methanol | ¥336,000 |
| Labeled | | | |
| (ng/mL) | | | |
| | Acetamiprid (pyridylmethyl- ¹³ C ₆ , 99%) | 20 | |
| | Clothianidin (methylene- ¹³ C, 99%; thiazole- ¹³ C ₃ , 99%; ¹⁵ N, 98%) | 200 | |
| | Dinotefuran (furylmethyl- ¹³ C ₅ , 99%) | 200 | |
| | Flonicamid (18O, 96%; amide- ¹⁵ N, 98%) | 800 | |
| | Imidacloprid (pyridylmethyl- ¹³ C ₆ , 99%) | 200 | |
| | Nitenpyram (methyl- ¹³ C, ethyl- ¹³ C ₂ , 99%; ethenediamine- ¹⁵ N ₂ , 98%) | 200 | |
| | Sulfoxaflor (2-methyl- ¹³ C, 99%; D ₃ , 98%; cyanamide- ¹⁵ N ₂ , 98%; ¹³ C, 98%) | 40 | |
| | Thiacloprid (pyridylmethyl- ¹³ C ₆ , 99%) | 20 | |
| | Thiamethoxam (methylene- ¹³ C, 99%; thiazole- ¹³ C ₃ , 99%; ¹⁵ N, 98%) | 80 | |
| | Acetamiprid-N-desmethyl (acetimidamide- ¹³ C ₂ , 99%; amine- ¹⁵ N, 98%) | 400 | |
| | Clothianidin-desmethyl (guanidine- ¹³ C, 99%; 1,3- ¹⁵ N ₂ , 98%) | 1600 | |
| | Imidacloprid-olefin (imidazol-1- ¹⁵ N, 98%; 2- ¹³ C, 99%; 2-amino- ¹⁵ N, 98%) | 4000 | |
| | Thiacloprid-amide (pyridylmethyl- ¹³ C ₆ , 99%) | 40 | |

| Catalog No. | Description | Amount | Price(¥) |
|---------------------|-----------------------------------|--------------------|----------|
| NEW! ES-5627 | JECS Native Neonicotinoid Mixture | 1.2 mL in methanol | ¥29,000 |
| Unlabeled | | | |
| (ng/mL) | | | |
| | Acetamiprid | 100 | |
| | Clothianidin | 1000 | |
| | Dinotefuran | 1000 | |
| | Flonicamid | 2000 | |
| | Imidacloprid | 1000 | |
| | Nitenpyram | 1000 | |
| | Sulfoxaflor | 200 | |
| | Thiacloprid | 100 | |
| | Thiamethoxam | 400 | |
| | Acetamiprid-N-desmethyl | 1000 | |
| | Clothianidin-desmethyl | 4000 | |
| | Imidacloprid-olefin | 20,000 | |
| | Thiacloprid-amide | 200 | |



Dashed arrows indicate a metabolite of the parent compound.





Per- and Polyfluoroalkyl Substances (PFAS)

Perfluorocarboxylic Acids (PFCA)

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|---------------|---|---|----------------------|-----------------|
| NEW! | CLM-11046-1.2 | Trifluoroacetic acid (TFA), sodium salt (¹³ C ₂ , 99%) | 50 µg/mL in methanol | 1.2 mL ¥156,000 |
| NEW! | ULM-11087-1.2 | Trifluoroacetic acid (TFA), sodium salt (unlabeled) | 50 µg/mL in methanol | 1.2 mL ¥33,000 |
| NEW! | CLM-11324-1.2 | Perfluoropropanoic acid (PFPrA) (¹³ C ₃ , 99%) | 50 µg/mL in methanol | 1.2 mL お問い合わせ |
| NEW! | ULM-11323-1.2 | Perfluoropropanoic acid (PFPrA) (unlabeled) | 50 µg/mL in methanol | 1.2 mL ¥156,000 |
| CLM-10883-1.2 | Perfluorobutyric acid (PFBA), sodium salt (2,3,4- ¹³ C ₃ , 99%) | 50 µg/mL in methanol | 1.2 mL ¥156,000 | |
| CLM-8173-1.2 | Perfluorobutyric acid (PFBA), sodium salt (¹³ C ₄ , 99%) | 50 µg/mL in methanol | 1.2 mL ¥171,000 | |
| ULM-11058-1.2 | Perfluorobutyric acid (PFBA), sodium salt (unlabeled) | 50 µg/mL in methanol | 1.2 mL ¥33,000 | |
| CLM-10931-1.2 | Perfluoropentanoic acid (PFPeA), sodium salt (pentanoyl ¹³ C ₅ , 99%) | 50 µg/mL in methanol | 1.2 mL ¥171,000 | |
| ULM-10960-1.2 | Perfluoropentanoic acid (PFPeA), sodium salt (unlabeled) | 50 µg/mL in methanol | 1.2 mL ¥29,000 | |
| CLM-8340-1.2 | Perfluorohexanoic acid (PFHxA), sodium salt (¹³ C ₆ , 99%) | 50 µg/mL in methanol | 1.2 mL ¥176,400 | |
| ULM-8342-1.2 | Perfluorohexanoic acid (PFHxA), sodium salt (unlabeled) | 50 µg/mL in methanol | 1.2 mL ¥34,400 | |
| CLM-10624-1.2 | Perfluoroheptanoic acid (PFHpA), sodium salt (¹³ C ₇ , 99%) | 50 µg/mL in methanol | 1.2 mL ¥149,000 | |
| ULM-9516-1.2 | Perfluoroheptanoic acid (PFHpA) (unlabeled) | 50 µg/mL in methanol | 1.2 mL ¥34,400 | |
| CLM-8005-1.2 | Perfluorooctanoic acid (PFOA) (¹³ C ₈ , 99%) | 50 µg/mL in methanol | 1.2 mL ¥176,400 | |
| ULM-7451-1.2 | Perfluorooctanoic acid (PFOA) (unlabeled) | 50 µg/mL in methanol | 1.2 mL ¥34,400 | |
| CLM-8060-1.2 | Perfluorononanoic acid (PFNA) (¹³ C ₉ , 99%) | 50 µg/mL in methanol | 1.2 mL ¥176,400 | |
| ULM-8066-1.2 | Perfluorononanoic acid (PFNA) (unlabeled) | 50 µg/mL in methanol | 1.2 mL ¥34,400 | |
| CLM-8172-1.2 | Perfluorodecanoic acid (PFDA) (¹³ C ₉ , 99%) | 50 µg/mL in methanol | 1.2 mL ¥202,400 | |
| ULM-11038-1.2 | Perfluorodecanoic acid (PFDA), sodium salt (unlabeled) | 50 µg/mL in methanol | 1.2 mL ¥29,000 | |
| CLM-8789-1.2 | Perfluoroundecanoic acid (PFUA), sodium salt (¹³ C ₉ , 99%) | 50 µg/mL in methanol | 1.2 mL ¥202,400 | |
| ULM-8084-1.2 | Perfluoroundecanoic acid (PFUA), sodium salt (unlabeled) | 50 µg/mL in methanol | 1.2 mL ¥34,400 | |
| CLM-10593-1.2 | Perfluorododecanoic acid (PFDoA), sodium salt (¹³ C ₁₂ , 99%) | 50 µg/mL in methanol | 1.2 mL ¥173,000 | |
| ULM-10594-1.2 | Perfluorododecanoic acid (PFDoA), sodium salt (unlabeled) | 50 µg/mL in methanol | 1.2 mL ¥29,000 | |
| ULM-9955-1.2 | Perfluorotridecanoic acid (PFTrDA) (unlabeled) | 50 µg/mL in methanol | 1.2 mL ¥34,400 | |
| ULM-9956-1.2 | Perfluorotetradecanoic acid (PFTeDA) (unlabeled) | 50 µg/mL in methanol | 1.2 mL ¥34,400 | |
| NEW! | ULM-10721-1.2 | Perfluorohexadecanoic acid (PFHxDA) (unlabeled) | 50 µg/mL in methanol | 1.2 mL ¥29,000 |
| NEW! | ULM-10722-1.2 | Perfluoroctadecanoic acid (PFODA) (unlabeled) | 50 µg/mL in methanol | 1.2 mL ¥29,000 |
| ES-5587 | Perfluoroalkylcarboxylic acid (PFCA) C ₄ -C ₁₄ Native Mixture | 1.2 mL in methanol | ¥75,000 | |

| Unlabeled | (ng/mL)* |
|---|----------|
| Perfluorobutyric acid (PFBA) | 2000 |
| Perfluoropentanoic acid (PFPA) | 2000 |
| Perfluorohexanoic acid (PFHxA), sodium salt | 2000 |
| Perfluoroheptanoic acid (PFHpA) | 2000 |
| Perfluoroctanoic acid (PFOA) | 2000 |
| Perfluorononanoic acid (PFNA) | 2000 |

*Gravimetric concentration is based on the salt form, where applicable.

Perfluoroalkyl Sulfonates (PFAS)

| Catalog No. | Description | Concentration | Amount | Price(¥) | |
|---------------|--|--|----------------------|---------------|---------|
| CLM-9523-1.2 | Perfluorobutanesulfonate (PFBS), potassium salt (¹³ C ₄ , 99%) | 50 µg/mL in methanol | Inquire | お問い合わせ | |
| ULM-9521-1.2 | Perfluorobutanesulfonate (PFBS), potassium salt (unlabeled) | 50 µg/mL in methanol | 1.2 mL | ¥34,400 | |
| ULM-9520-1.2 | Perfluoropentanesulfonate (PFPeS), sodium salt (unlabeled) | 50 µg/mL in methanol | 1.2 mL | ¥34,400 | |
| CLM-9526-1.2 | Perfluorohexanesulfonate (PFHxS), potassium salt (¹³ C ₆ , 99%) | 50 µg/mL in methanol | 1.2 mL | ¥149,000 | |
| NEW! | ULM-12310-1.2 | Potassium perfluoro-1-hexanesulfonate (PFHxS) (unlabeled) (linear isomer) | 50 µg/mL in methanol | 1.2 mL | ¥44,000 |
| ULM-9524-1.2 | Perfluorohexanesulfonate (PFHxS), potassium salt (unlabeled) (mix of isomers) | 50 µg/mL in methanol | 1.2 mL | ¥34,400 | |
| ULM-9531-1.2 | Perfluoroheptanesulfonate (PFHpS), sodium salt (unlabeled) | 50 µg/mL in methanol | 1.2 mL | ¥34,400 | |
| NEW! | CLM-11340-1.2 | Potassium perfluoro-1-octanesulfonate (PFOS) (¹³ C ₈ , 99%) | 50 µg/mL in methanol | 1.2 mL お問い合わせ | |
| ULM-9001-1.2 | Perfluoroctanesulfonate (PFOS), sodium salt (unlabeled) | 50 µg/mL in methanol | 1.2 mL | ¥34,400 | |
| ULM-10655-1.2 | Perfluoroctanesulfonate (PFOS) (unlabeled) (mix of isomers) | 50 µg/mL in methanol | 1.2 mL | ¥29,000 | |
| ULM-9530-1.2 | Perfluorononanesulfonate (PFNS), sodium salt (unlabeled) | 50 µg/mL in methanol | 1.2 mL | ¥34,400 | |
| NEW! | ULM-12322-1.2 | Perfluorodecanesulfonate (PFDS), potassium salt (unlabeled) | 50 µg/mL in methanol | 1.2 mL | ¥29,000 |
| ES-5576-A | Perfluoroalkylsulfonate (PFAS) C ₄ -C ₁₀ Native Mixture | 1.2 mL in methanol | ¥98,000 | | |

| Unlabeled | (ng/mL)* |
|---|----------|
| Perfluorobutanesulfonate (PFBS), potassium salt | 5000 |
| Perfluoropentanesulfonate (PFPeS), sodium salt | 5000 |
| Potassium perfluorohexanesulfonate (PFHxS) (mix of isomers) | 5000 |
| Perfluoroheptanesulfonate (PFHpS), sodium salt | 5000 |
| Sodium perfluoro-1-octanesulfonate (PFOS) | 5000 |
| Perfluorononanesulfonate (PFNS), sodium salt | 5000 |
| Perfluorodecanesulfonate (PFDS), potassium salt | 5000 |

*Gravimetric concentration is based on the salt form, where applicable.



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PFOS/PFOA Mixtures

| Catalog No. | Description | Amount | Price(¥) |
|----------------|--------------------------------------|-------------------------|----------|
| ES-5570 | PFOS/PFOA Calibration Series CS1-CS5 | 5 x 0.25 mL in methanol | ¥209,000 |
| ES-5570-CS0.25 | PFOS/PFOA Calibration Series CS0.25 | 0.25 mL in methanol | ¥59,000 |

All concentrations are in ng/mL*

| Unlabeled | CS0.25** | CS1 | CS2 | CS3 | CS4 | CS5 |
|---|----------|-----|-----|-----|-----|------|
| Perfluoroctanoic acid (PFOA) | 0.5 | 2 | 10 | 50 | 200 | 1000 |
| Perfluoroctanesulfonate (PFOS), sodium salt | 0.5 | 2 | 10 | 50 | 200 | 1000 |
| Extraction | | | | | | |
| Perfluoroctanoic acid (PFOA) (¹³ C ₈ , 99%) | 50 | 50 | 50 | 50 | 50 | 50 |
| Perfluoroctanesulfonate (PFOS), sodium salt (¹³ C ₈ , 99%) | 50 | 50 | 50 | 50 | 50 | 50 |
| Injection | | | | | | |
| Perfluorononanoic acid (PFNA) (¹³ C ₉ , 99%) | 50 | 50 | 50 | 50 | 50 | 50 |

*Gravimetric concentration is based on the salt form, where applicable. **Not included in ES-5570 – available for separate purchase.

| | | | |
|---------|---------------------------------------|------------------|----------|
| ES-5571 | PFOS/PFOA Extraction Standard Mixture | 3 mL in methanol | ¥135,000 |
|---------|---------------------------------------|------------------|----------|

| Labeled | (ng/mL)* |
|---|----------|
| Perfluoroctanoic acid (PFOA) (¹³ C ₈ , 99%) | 2000 |
| Perfluoroctanesulfonate (PFOS), sodium salt (¹³ C ₈ , 99%) | 2000 |

*Gravimetric concentration is based on the salt form, where applicable.

| | | | |
|---------|--------------------------------------|------------------|---------|
| ES-5572 | PFOS/PFOA Injection Standard Mixture | 3 mL in methanol | ¥75,000 |
|---------|--------------------------------------|------------------|---------|

| Labeled | (ng/mL)* |
|---|----------|
| Perfluorononanoic acid (PFNA) (¹³ C ₉ , 99%) | 2000 |

*Gravimetric concentration is based on the salt form, where applicable.

| | | | |
|---------|-----------------------------------|--------------------|---------|
| ES-5573 | PFOS/PFOA Native Standard Mixture | 1.2 mL in methanol | ¥38,000 |
|---------|-----------------------------------|--------------------|---------|

| Unlabeled | (ng/mL)* |
|---|----------|
| Perfluoroctanoic acid (PFOA) | 5000 |
| Perfluoroctanesulfonate (PFOS), sodium salt | 5000 |

*Gravimetric concentration is based on the salt form, where applicable.

| | | | |
|---------|--|--------------------|----------|
| ES-5649 | PFOS/PFOA/PFHxS Labeled Standard Mixture | 1.2 mL in methanol | ¥111,000 |
|---------|--|--------------------|----------|

| Labeled | (ng/mL)* |
|---|----------|
| Sodium perfluoro-1-octanesulfonate (PFOS) (¹³ C ₈ , 99%) | 2000 |
| Perfluoro-n-octanoic acid (PFOA) (¹³ C ₈ , 99%) | 2000 |
| Potassium perfluoro-1-hexanesulfonate (PFHxS) (¹³ C ₆ , 99%) | 2000 |

*Gravimetric concentration is based on the free acid, where applicable.

| | | | |
|---------|--|--------------------|---------|
| ES-5648 | PFOS/PFOA/PFHxS Native Analyte Mixture | 1.2 mL in methanol | ¥42,000 |
|---------|--|--------------------|---------|

| Unlabeled | (ng/mL)* |
|---|----------|
| Sodium perfluoro-1-octanesulfonate (PFOS) | 5000 |
| Perfluoro-n-octanoic acid (PFOA) | 5000 |
| Potassium perfluoro-1-hexanesulfonate (PFHxS) (linear isomer) | 5000 |

*Gravimetric concentration is based on the free acid, where applicable.

Fluorotelomer Sulfonates (FTS)

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|----------------|--|----------------------|--------|----------|
| CDLM-10753-1.2 | 1H,1H,2H,2H-Perfluorohexanesulfonate (4:2 FTS), sodium salt (¹³ C ₂ , 99%; D ₄ , 98%) | 50 µg/mL in methanol | 1.2 mL | ¥171,000 |
| ULM-10757-1.2 | 1H,1H,2H,2H-Perfluorohexanesulfonate (4:2 FTS), sodium salt (unlabeled) | 50 µg/mL in methanol | 1.2 mL | ¥33,000 |
| CDLM-10752-1.2 | 1H,1H,2H,2H-Perfluoroctanesulfonate (6:2 FTS), sodium salt (¹³ C ₂ , 99%; D ₄ , 98%) | 50 µg/mL in methanol | 1.2 mL | ¥171,000 |
| ULM-10756-1.2 | 1H,1H,2H,2H-Perfluoroctanesulfonate (6:2 FTS), sodium salt (unlabeled) | 50 µg/mL in methanol | 1.2 mL | ¥33,000 |
| CDLM-10751-1.2 | 1H,1H,2H,2H-Perfluorodecanesulfonate (8:2 FTS), sodium salt (¹³ C ₂ , 99%; D ₄ , 98%) | 50 µg/mL in methanol | 1.2 mL | ¥171,000 |
| ULM-10755-1.2 | 1H,1H,2H,2H-Perfluorodecanesulfonate (8:2 FTS), sodium salt (unlabeled) | 50 µg/mL in methanol | 1.2 mL | ¥33,000 |
| CDLM-10750-1.2 | 1H,1H,2H,2H-Perfluorododecanesulfonate (10:2 FTS), sodium salt (¹³ C ₂ , 99%; D ₄ , 98%) | 50 µg/mL in methanol | 1.2 mL | ¥171,000 |
| ULM-10754-1.2 | 1H,1H,2H,2H-Perfluorododecanesulfonate (10:2 FTS), sodium salt (unlabeled) | 50 µg/mL in methanol | 1.2 mL | ¥33,000 |

Fluorotelomer Alcohols (FTOH)

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|----------------------------|---|-----------------------|--------|----------|
| NEW! ULM-10723-1.2 | 1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH) (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥32,800 |
| NEW! CDLM-10709-1.2 | 1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH) (1,2- ¹³ C ₂ , 99%; 1,1,2,2-D ₄ , 98%) | 50 µg/mL in methanol | 1.2 mL | ¥169,800 |
| NEW! ULM-10724-1.2 | 1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH) (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥32,800 |
| NEW! CDLM-10712-1.2 | 1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH) (1,2- ¹³ C ₂ , 99%; 1,1,2,2-D ₄ , 98%) CP 95% | 50 µg/mL in methanol | 1.2 mL | ¥169,800 |
| ULM-10727-1.2 | 1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH) (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥44,200 |
| NEW! CDLM-10715-1.2 | 1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH) (1,2- ¹³ C ₂ , 99%; 1,1,2,2-D ₄ , 98%) | 50 µg/mL in methanol | 1.2 mL | ¥169,800 |
| NEW! ULM-11175-1.2 | 1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH) (unlabeled) | 50 µg/mL in methanol | 1.2 mL | ¥44,200 |

Fluorotelomer Acids (FTA)

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|---------------------------|--|-----------------------|--------|----------|
| NEW! ULM-10725-1.2 | 2H,2H-Perfluoroctanoic acid (6:2 FTA) (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥44,200 |
| NEW! ULM-10726-1.2 | 2H,2H-Perfluorodecanoic acid (8:2 FTA) (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥44,200 |

Perfluoroctanesulfonamidoacetic Acids (FOSAA)

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|---------------|--|----------------------|--------|----------|
| DLM-10663-1.2 | N-Methylperfluoroctanesulfonamidoacetic acid (N-MeFOSAA) (N-methyl-D ₃ , 98%) | 50 µg/mL in methanol | 1.2 mL | ¥156,000 |
| ULM-10656-1.2 | N-Methylperfluoroctanesulfonamidoacetic acid (N-MeFOSAA) (unlabeled) (mix of isomers) | 50 µg/mL in methanol | 1.2 mL | ¥44,000 |
| DLM-10664-1.2 | N-Ethylperfluoroctanesulfonamidoacetic acid (N-EtFOSAA) (N-ethyl-D ₅ , 98%) | 50 µg/mL in methanol | 1.2 mL | ¥156,000 |
| ULM-10657-1.2 | N-Ethylperfluoroctanesulfonamidoacetic acid (N-EtFOSAA) (unlabeled) (mix of isomers) | 50 µg/mL in methanol | 1.2 mL | ¥44,000 |



Fluoroethers and Polyethers

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|---------------------------|---|-----------------------|---------|----------|
| ULM-10728-1.2 | "GenX" (tetrafluoro-2-(heptafluoropropoxy)propanoic acid) (HFPO-DA) (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥44,000 |
| ULM-11280-1.2 | Dodecafluoro-3H-4,8-dioxanonanoic acid (DONA) (unlabeled) | 100 µg/mL in methanol | Inquire | ¥40,800 |
| ULM-10843-1.2 | 9-Chlorohexadecafluoro-3-oxanone-1-sulfonic acid, potassium salt (9Cl-PF3ONS) (F53BMAJ) (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥33,000 |
| ULM-10844-1.2 | 11-Chloroeicosfluoro-3-oxaundecane-1-sulfonic acid, potassium salt (11Cl-PF3OUdS) (F53BMIN) (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥33,000 |
| NEW! ULM-11230-1.2 | Perfluoro-3,6-dioxa-4-methyl-7-octenesulfonic acid (Nafion BP1) (unlabeled) | 50 µg/mL in methanol | 1.2 mL | ¥44,200 |
| NEW! ULM-11231-1.2 | 7H-Perfluoro-4-methyl-3,6-dioxaoctanesulfonic acid (Nafion BP2) (unlabeled) CP 95% | 50 µg/mL in methanol | 1.2 mL | ¥44,200 |
| NEW! ULM-12320-1.2 | Perfluoro-2-methoxypropanoic acid (PMPA) (unlabeled) (contains ~1.8% NaPEPA) CP 97% | 50 µg/mL in methanol | 1.2 mL | ¥44,200 |
| NEW! ULM-12321-1.2 | Perfluoro-2-ethoxypropanoic acid, sodium salt (PEPA) (unlabeled) (contains ~2.4% PMPA) | 50 µg/mL in methanol | 1.2 mL | ¥44,200 |
| NEW! ULM-11223-1.2 | Perfluoro-2-methoxyacetic acid (PFMOAA) (unlabeled) | 50 µg/mL in methanol | 1.2 mL | ¥44,200 |
| ULM-10738-1.2 | Perfluoro-3-methoxypropanoic acid (PFMPA) (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥44,200 |
| NEW! ULM-10739-1.2 | Perfluoro-4-methoxybutanoic acid (PFMBA) (unlabeled) | 50 µg/mL in methanol | 1.2 mL | ¥32,800 |
| ULM-10734-1.2 | Perfluoro-3,6-dioxaheptanoic acid (PFDHA) (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥44,200 |
| NEW! ULM-11128-1.2 | Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA) (unlabeled) | 50 µg/mL in methanol | 1.2 mL | ¥44,200 |

Other Fluorinated Compounds

| Catalog No. | Description | Concentration | Amount | Price(¥) |
|---------------------------|---|-----------------------|--------|----------|
| NEW! ULM-11073-1.2 | Bis(1H,1H,2H,2H-perfluorodecyl) phosphate (8:2-DiPAP) (unlabeled) CP 94% | 50 µg/mL in methanol | 1.2 mL | ¥32,800 |
| NEW! CLM-11260-1.2 | 2,2-Difluoromalonic acid (MMF), disodium salt (¹³ C ₃ , 99%) | 100 µg/mL in methanol | 1.2 mL | ¥189,400 |
| NEW! ULM-12303-1.2 | 2,2-Difluoromalonic acid (MMF), disodium salt (unlabeled) | 100 µg/mL in methanol | 1.2 mL | ¥44,200 |

EPA Method 537 Mixtures

| Catalog No. | Description | Amount | Price(¥) |
|-------------|--|--------------------|----------|
| ES-5609 | Method 537 PFC Native Analyte Mix | 1.2 mL in methanol | ¥118,000 |
| | Unlabeled | (ng/mL)* | |
| | Perfluorohexanoic acid (PFHxA), sodium salt | 2000 | |
| | Perfluoroheptanoic acid (PFHpA) | 2000 | |
| | Perfluorooctanoic acid (PFOA) | 2000 | |
| | Perfluorononanoic acid (PFNA) | 2000 | |
| | Perfluorodecanoic acid (PFDA) | 2000 | |
| | Perfluoroundecanoic acid (PFUA), sodium salt | 2000 | |
| | Perfluorododecanoic acid (PFDoA) | 2000 | |
| | Perfluorotridecanoic acid (PFTrDA) | 2000 | |
| | Perfluorotetradecanoic acid (PFTeDA) | 2000 | |
| | Perfluorobutanesulfonate (PFBS), potassium salt | 2000 | |
| | Perfluorohexanesulfonate (PFHxS), potassium salt (mixed isomers) | 2000 | |
| | Perfluorooctanesulfonate (PFOS) (mixed isomers) | 2000 | |
| | N-Methylperfluoroctanesulfonamidoacetic acid (N-MeFOSAA) (mixed isomers) | 8000 | |
| | N-Ethylperfluoroctanesulfonamidoacetic acid (N-EtFOSAA) (mixed isomers) | 8000 | |
| | *Gravimetric concentration is based on the salt form, where applicable. | | |
| ES-5610 | Method 537 PFC Internal Standard Mix (¹³ C; D) | 1.2 mL in methanol | ¥158,000 |
| | Labeled | (ng/mL)* | |
| | Perfluorooctanoic acid (PFOA) (¹³ C ₈ , 99%) | 1000 | |
| | Perfluorooctanesulfonate (PFOS), sodium salt (¹³ C ₈ , 99%) | 3000 | |
| | N-Methylperfluoroctanesulfonamidoacetic acid (N-MeFOSAA) (N-methyl-D ₃ , 98%) | 4000 | |
| | *Gravimetric concentration is based on the salt form, where applicable. | | |
| ES-5611 | Method 537 PFC Surrogate Standard Mix (¹³ C; D) | 1.2 mL in methanol | ¥180,000 |
| | Labeled | (ng/mL)* | |
| | Perfluorohexanoic acid (PFHxA), sodium salt (¹³ C ₆ , 99%) | 1000 | |
| | Perfluorodecanoic acid (PFDA) (¹³ C ₉ , 99%) | 1000 | |
| | N-Ethylperfluoroctanesulfonamidoacetic acid (N-EtFOSAA) (N-ethyl-D ₅ , 98%) | 4000 | |
| | *Gravimetric concentration is based on the salt form, where applicable. | | |



EPA Method 537.1 Mixtures

| Catalog No. | Description | Amount | Price(¥) |
|------------------|---|---|----------|
| ES-5631 | Method 537.1 Analyte Primary Dilution Standard (PDS) | 1.2 mL in methanol (with 4 molar equivalent NaOH) | ¥121,000 |
| Unlabeled | | | |
| | Perfluorohexanoic acid (PFHxA), sodium salt | (ng/mL)* 2000 | |
| | Perfluoroheptanoic acid (PFHpA) | 2000 | |
| | Perfluorooctanoic acid (PFOA) | 2000 | |
| | Perfluorononanoic acid (PFNA) | 2000 | |
| | Perfluorodecanoic acid (PFDA), sodium salt | 2000 | |
| | Perfluoroundecanoic acid (PFUA), sodium salt | 2000 | |
| | Perfluorododecanoic acid (PFDoA), sodium salt | 2000 | |
| | Perfluorotridecanoic acid (PFTrDA) | 2000 | |
| | Perfluorotetradecanoic acid (PFTeDA) | 2000 | |
| | Perfluorobutanesulfonate (PFBS), potassium salt | 2000 | |
| | Potassium perfluorohexanesulfonate (PFHxS) (mixed isomers) | 2000 | |
| | Perfluorooctanesulfonate (PFOS) (mixed isomers) | 2000 | |
| | N-Methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA) (mixed isomers) | 2000 | |
| | N-Ethylperfluorooctanesulfonamidoacetic acid (N-EtFOSAA) (mixed isomers) | 2000 | |
| | Tetrafluoro-2-(heptafluoropropoxy)propanoic acid (HFPO-DA) ("GenX") | 2000 | |
| | 9-Chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS) (F53BMAJ), potassium salt | 2000 | |
| | 11-Chloroeicosfluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUDs) (F53BMIN), potassium salt | 2000 | |
| | Dodecafluoro-3H-4,8-dioxanonanoic acid (NaDONA), sodium salt | 2000 | |

*Gravimetric concentration is based on the free acid, where applicable.

| | | | |
|----------------|---|---|---------|
| ES-5610-A | Method 537.1 Internal Standard Primary Dilution Standard (ISPDS) | 1.2 mL in methanol (with 4 molar equivalent NaOH) | ¥89,000 |
| Labeled | | | |
| | Perfluorooctanoic acid (PFOA) (¹³ C ₈ , 99%) | (ng/mL)* 1000 | |
| | Sodium perfluorooctanesulfonate (PFOS) (¹³ C ₈ , 99%) | 3000 | |
| | N-Methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA) (N-methyl-D ₃ , 98%) | 4000 | |

*Gravimetric concentration is based on the free acid, where applicable.

| | | | |
|----------------|---|---|----------|
| ES-5632 | Method 537.1 Surrogate Primary Dilution Standard (SUR PDS) | 1.2 mL in methanol (with 4 molar equivalent NaOH) | ¥145,000 |
| Labeled | | | |
| | Perfluorohexanoic acid (PFHxA), sodium salt (¹³ C ₆ , 99%) | (ng/mL)* 1000 | |
| | Perfluorodecanoic acid (PFDA) (¹³ C ₉ , 99%) | 1000 | |
| | N-Ethylperfluorooctanesulfonamidoacetic acid (N-EtFOSAA) (N-ethyl-D ₅ , 98%) | 4000 | |
| | Tetrafluoro-2-(heptafluoropropoxy)propanoic acid (HFPO-DA) ("GenX") (¹³ C ₃ , 99%) | 1000 | |

*Gravimetric concentration is based on the free acid, where applicable.

EPA Method 8327 Mixtures

| Catalog No. | Description | Amount | Price(¥) |
|----------------|--|---|----------|
| ES-5643 | Method 8327 Surrogate Spiking Mixture | 1.2 mL in methanol (with 4 molar equivalent NaOH) | お問い合わせ |
| Labeled | | | |
| | Perfluorobutyric acid (PFBA), sodium salt (2,3,4- ¹³ C ₃ , 99%) | (ng/mL)* 1000 | |
| | Perfluoropentanoic acid (PPPeA), sodium salt (pentanoyl- ¹³ C ₅ , 99%) | 1000 | |
| | Perfluorohexanoic acid (PFHxA), sodium salt (¹³ C ₆ , 99%) | 1000 | |
| | Perfluoroheptanoic acid (PFHpA), sodium salt (heptanoyl- ¹³ C ₇ , 99%) | 1000 | |
| | Perfluoro-n-octanoic acid (PFOA) (¹³ C ₈ , 99%) | 1000 | |
| | Perfluorononanoic acid (PFNA) (¹³ C ₉ , 99%) | 1000 | |
| | Perfluorodecanoic acid (PFDA) (¹³ C ₁₀ , 99%) | 1000 | |
| | Perfluoroundecanoic acid (PFUA), sodium salt (¹³ C ₁₁ , 99%) | 1000 | |
| | Perfluorododecanoic acid (PFDoA), sodium salt (dodecanoyl- ¹³ C ₁₂ , 99%) | 1000 | |
| | Perfluorotetradecanoic acid (PFTeDA) (¹³ C ₁₄ , 99%) | 1000 | |
| | Perfluorobutanesulfonate (PFBS), potassium salt (¹³ C ₄ , 99%) | 1000 | |
| | Perfluoro-1-hexanesulfonate (PFHxS), potassium salt (¹³ C ₆ , 99%) | 1000 | |
| | Perfluoro-1-octanesulfonate (PFOS), sodium salt (¹³ C ₈ , 99%) | 1000 | |
| | 1H,1H,2H,2H-Perfluorohexane sulfonate (4:2 FTS), sodium salt (¹³ C ₂ , 99%; D ₄ , 98%) | 1000 | |
| | 1H,1H,2H,2H-Perfluorooctane sulfonate (6:2 FTS), sodium salt (¹³ C ₂ , 99%; D ₄ , 98%) | 1000 | |
| | 1H,1H,2H,2H-Perfluorodecane sulfonate (8:2 FTS), sodium salt (¹³ C ₂ , 99%; D ₄ , 98%) | 1000 | |
| | Perfluorooctanesulfonamide (PFOSA) (¹³ C ₈ , 99%) | 1000 | |
| | N-Methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA) (N-methyl-D ₃ , 98%) | 1000 | |
| | N-Ethylperfluorooctanesulfonamidoacetic acid (N-EtFOSAA) (N-ethyl-D ₅ , 98%) | 1000 | |

*Gravimetric concentration is based on the free acid, where applicable.

| Catalog No. | Description | Amount | Price(¥) |
|-------------|------------------------------------|---|----------|
| ES-5642 | Method 8327 Target Analyte Mixture | 1.2 mL in methanol (with 4 molar equivalent NaOH) | ¥92,400 |

| | | | |
|------------------|--|------------------|--|
| Unlabeled | | | |
| | Perfluorobutyric acid (PFBA), sodium salt | (ng/mL)* 2000 | |
| | Perfluoropentanoic acid (PPPeA), sodium salt | 2000 | |
| | Perfluorohexanoic acid (PFHxA), sodium salt | 2000 | |
| | Perfluoroheptanoic acid (PFHpA) | 2000 | |
| | Perfluoro-n-octanoic acid (PFOA) | 2000 | |
| | Perfluorononanoic acid (PFNA) | 2000 | |
| | Perfluorodecanoic acid (PFDA), sodium salt | 2000 | |
| | Perfluoroundecanoic acid (PFUA), sodium salt | 2000 | |
| | Perfluorododecanoic acid (PFDoA), sodium salt | 2000 | |
| | Perfluorotridodecanoic acid (PFTrDA) | 2000 | |
| | Perfluorotetradecanoic acid (PFTeDA) | 2000 | |
| | Perfluorobutanesulfonate (PFBS), potassium salt | 2000 | |
| | Perfluoropentanesulfonate (PPPeS), sodium salt | 2000 | |
| | Potassium perfluorohexanesulfonate (PFHxS) (mix of isomers) | 2000 | |
| | Perfluoroheptanesulfonate (PFHpS), sodium salt | 2000 | |
| | Perfluorooctanesulfonic acid (PFOS) (mix of isomers) | 2000 | |
| | Perfluorononanesulfonate (PFNS), sodium salt | 2000 | |
| | Perfluorodecanesulfonate (PFDS), potassium salt | 2000 | |
| | 1H,1H,2H,2H-Perfluorohexane sulfonate (4:2 FTS), sodium salt | 2000 | |
| | 1H,1H,2H,2H-Perfluoroctane sulfonate (6:2 FTS), sodium salt | 2000 | |
| | 1H,1H,2H,2H-Perfluorodecane sulfonate (8:2 FTS), sodium salt | 2000 | |
| | Perfluorooctanesulfonamide (PFOSA) | 2000 | |
| | N-Methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA) (mix of isomers) | 2000 | |
| | N-Ethylperfluorooctanesulfonamidoacetic acid (N-EtFOSAA) (mix of isomers) | 2000 | |

*Gravimetric concentration is based on the free acid, where applicable.



PFAS Mixture

| Catalog No. | Description | Amount | Price(¥) |
|-------------|------------------------------|---|----------|
| ES-5640 | PFAS SIL Superfund Mixture 1 | 1.2 mL in methanol (with 4 molar equivalent NaOH) | ¥259,000 |

Labeled

| | (ng/mL)* |
|--|----------|
| Perfluorobutyric acid (PFBA), sodium salt (¹³ C ₃ , 99%) | 1000 |
| Perfluoropentanoic acid (PFPeA), sodium salt (¹³ C ₅ , 99%) | 1000 |
| Perfluorohexanoic acid (PFHxA), sodium salt (¹³ C ₆ , 99%) | 1000 |
| Perfluoroheptanoic acid (PFHpA), sodium salt (¹³ C ₇ , 99%) | 1000 |
| Perfluoro-n-octanoic acid (PFOA) (¹³ C ₈ , 99%) | 1000 |
| Perfluorononanoic acid (PFNA) (¹³ C ₉ , 99%) | 1000 |
| Perfluorodecanoic acid (PFDA) (¹³ C ₉ , 99%) | 1000 |
| Perfluoroundecanoic acid (PFUA), sodium salt (¹³ C ₉ , 99%) | 1000 |
| Perfluorododecanoic acid (PFDoA), sodium salt (¹³ C ₁₂ , 99%) | 1000 |
| Perfluorotetradecanoic acid (PFTeDA) (¹³ C ₂ , 99%) | 1000 |
| Perfluorohexadecanoic acid (PFHxDA) (¹³ C ₂ , 99%) | 1000 |
| Perfluorobutanesulfonate (PBFS), potassium salt (¹³ C ₄ , 99%) | 1000 |
| Potassium perfluoro-1-hexanesulfonate (PFHxS) (¹³ C ₆ , 99%) | 1000 |
| Sodium perfluoro-1-octanesulfonate (PFOS) (¹³ C ₈ , 99%) | 1000 |
| 1H,1H,2H,2H-Perfluorohexanesulfonate (4:2 FTS), sodium salt (¹³ C ₂ , 99%; D ₄ , 98%) | 1000 |
| 1H,1H,2H,2H-Perfluoroctanesulfonate (6:2 FTS), sodium salt (¹³ C ₂ , 99%; D ₄ , 98%) | 1000 |
| 1H,1H,2H,2H-Perfluorodecanesulfonate (8:2 FTS), sodium salt (¹³ C ₂ , 99%; D ₄ , 98%) | 1000 |
| 1H,1H,2H,2H-Perfluorododecanesulfonate (10:2 FTS), sodium salt (¹³ C ₂ , 99%; D ₄ , 98%) | 1000 |
| Perfluoroctanesulfonamide (PFOSA) (¹³ C ₈ , 99%) | 1000 |
| N-Methylperfluoroctanesulfonamide (N-MeFOSA) (D ₃ , 98%) | 1000 |
| N-Methylperfluoroctanesulfonamidoacetic acid (N-MeFOSAA) (D ₃ , 98%) | 1000 |
| N-Ethylperfluoroctanesulfonamidoacetic acid (N-EtFOSAA) (D ₅ , 98%) | 1000 |
| Tetrafluoro-2-(heptafluoropropoxy)propanoic acid (HFPO-DA) ("GenX") (¹³ C ₃ , 99%) | 1000 |

*Gravimetric concentration is based on the free acid, where applicable.

| | | | |
|---------|------------------------------|---|----------|
| ES-5641 | PFAS SIL Superfund Mixture 2 | 1.2 mL in methanol (with 4 molar equivalent NaOH) | ¥171,000 |
|---------|------------------------------|---|----------|

Labeled

| | (ng/mL)* |
|---|----------|
| Perfluorobutyric acid (PFBA), sodium salt (¹³ C ₃ , 99%) | 1000 |
| Perfluoropentanoic acid (PFPeA), sodium salt (¹³ C ₅ , 99%) | 1000 |
| Perfluorohexanoic acid (PFHxA), sodium salt (¹³ C ₆ , 99%) | 1000 |
| Perfluorodecanoic acid (PFDA) (¹³ C ₉ , 99%) | 1000 |
| Perfluoroundecanoic acid (PFUA), sodium salt (¹³ C ₉ , 99%) | 1000 |
| Perfluorododecanoic acid (PFDoA), sodium salt (¹³ C ₁₂ , 99%) | 1000 |
| Perfluorotetradecanoic acid (PFTeDA) (¹³ C ₂ , 99%) | 1000 |
| Perfluorobutanesulfonate (PBFS), potassium salt (¹³ C ₄ , 99%) | 1000 |
| Potassium perfluoro-1-hexanesulfonate (PFHxS) (¹³ C ₆ , 99%) | 1000 |
| 1H,1H,2H,2H-Perfluoroctanesulfonate (6:2 FTS), sodium salt (¹³ C ₂ , 99%; D ₄ , 98%) | 1000 |
| 1H,1H,2H,2H-Perfluorodecanesulfonate (8:2 FTS), sodium salt (¹³ C ₂ , 99%; D ₄ , 98%) | 1000 |
| Perfluoroctanesulfonamide (PFOSA) (¹³ C ₈ , 99%) | 1000 |

*Gravimetric concentration is based on the free acid, where applicable.

PFAS Mixtures

| Catalog No. | Description | Amount | Price(¥) |
|-------------|--------------------------|---|----------|
| ES-5639-A | PFAS Superfund Mixture 1 | 1.2 mL in methanol (with 4 molar equivalent NaOH) | ¥101,000 |

Unlabeled

| | (ng/mL)* |
|--|----------|
| Perfluorobutyric acid (PFBA), sodium salt | 2000 |
| Perfluoropentanoic acid (PFPeA), sodium salt | 2000 |
| Perfluorohexanoic acid (PFHxA), sodium salt | 2000 |
| Perfluoroheptanoic acid (PFHpA) | 2000 |
| Perfluorooctanoic acid (PFOA) | 2000 |
| Perfluorononanoic acid (PFNA) | 2000 |
| Perfluorodecanoic acid (PFDA), sodium salt | 2000 |
| Perfluoroundecanoic acid (PFUA), sodium salt | 2000 |
| Perfluorododecanoic acid (PFDoA), sodium salt | 2000 |
| Perfluorotetradecanoic acid (PFTeDA) | 2000 |
| Perfluorohexadecanoic acid (PFHxDA) | 2000 |
| Perfluoroctadecanoic acid (PFODA) | 2000 |
| Perfluorobutanesulfonate (PBFS), potassium salt | 2000 |
| Potassium perfluorohexanesulfonate (PFHxS) (mixed isomers) | 2000 |
| Perfluorooctanesulfonate (PFOS) (mixed isomers) | 2000 |
| 1H,1H,2H,2H-Perfluorohexanesulfonate (4:2 FTS), sodium salt | 2000 |
| 1H,1H,2H,2H-Perfluoroctanesulfonate (6:2 FTS), sodium salt | 2000 |
| 1H,1H,2H,2H-Perfluorodecanesulfonate (8:2 FTS), sodium salt | 2000 |
| 1H,1H,2H,2H-Perfluorododecanesulfonate (10:2 FTS), sodium salt | 2000 |
| Perfluoroctanesulfonamide (PFOSA) | 2000 |
| N-Methylperfluoroctanesulfonamide (N-MeFOSA) | 2000 |
| N-Methylperfluoroctanesulfonamidoacetic acid (N-MeFOSAA) (mixed isomers) | 2000 |
| N-Ethylperfluoroctanesulfonamidoacetic acid (N-EtFOSAA) (mixed isomers) | 2000 |
| Tetrafluoro-2-(heptafluoropropoxy)propanoic acid (HFPO-DA) ("GenX") | 2000 |

*Gravimetric concentration is based on the free acid, where applicable.



PFAS Mixture

| Catalog No. | Description | Amount | Price(¥) |
|--|---------------------------|--------------------|----------|
| ES-5636-A | PFAS EF-28 Native Mixture | 1.2 mL in methanol | ¥125,400 |
| Unlabeled | | | |
| | (ng/mL)* | | |
| Perfluorobutyric acid (PFBA), sodium salt | 1000 | | |
| Perfluoropentanoic acid (PFPeA), sodium salt | 1000 | | |
| Perfluorohexanoic acid (PFHxA), sodium salt | 1000 | | |
| Perfluoroheptanoic acid (PFHpA) | 1000 | | |
| Perfluoro-n-octanoic acid (PFOA) | 1000 | | |
| Perfluorononanoic acid (PFNA) | 1000 | | |
| Perfluorodecanoic acid (PFDA), sodium salt | 1000 | | |
| Perfluoroundecanoic acid (PFUA), sodium salt | 1000 | | |
| Perfluorododecanoic acid (PFDoA), sodium salt | 1000 | | |
| Perfluorotridecanoic acid (PFTrDA) | 1000 | | |
| Perfluorotetradecanoic acid (PFTeDA) | 1000 | | |
| Perfluorohexadecanoic acid (PFHxDA) | 1000 | | |
| Perfluoroctadecanoic acid (PFODA) | 1000 | | |
| Perfluorobutanesulfonate (PFBS), potassium salt | 1000 | | |
| Perfluoropentanesulfonate (PFPeS), sodium salt | 1000 | | |
| Perfluorohexanesulfonate (PFHxS), potassium salt (mixed isomers) | 1000 | | |
| Perfluoroheptanesulfonate (PFHpS), sodium salt | 1000 | | |
| Perfluoro-1-octanesulfonate (PFOS), sodium salt | 1000 | | |
| Perfluorodecanesulfonate (PFDS), potassium salt | 1000 | | |
| 1H,1H,2H,2H-Perfluorohexanesulfonate (4:2 FTS), sodium salt | 1000 | | |
| 1H,1H,2H,2H-Perfluoroctanesulfonate (6:2 FTS), sodium salt | 1000 | | |
| 1H,1H,2H,2H-Perfluorodecanesulfonate (8:2 FTS), sodium salt | 1000 | | |
| 1H,1H,2H,2H-Perfluorododecanesulfonate (10:2 FTS), sodium salt | 1000 | | |
| Perfluoroctanesulfonamide (PFOSA) | 1000 | | |
| N-Methylperfluoroctanesulfonamide (N-MeFOSA) | 1000 | | |
| N-Methylperfluoroctanesulfonamidoacetic acid (N-MeFOSAA) (mixed isomers) | 1000 | | |
| N-Ethylperfluoroctanesulfonamidoacetic acid (N-EtFOSAA) (mixed isomers) | 1000 | | |
| Bis(1H,1H,2H,2H-Perfluorodecyl)phosphate (8:2-DiPAP) | 1000 | | |

*Gravimetric concentration is based on the free acid, where applicable.



Following the unprecedented release of dioxins and furans into the environment during the Seveso, Italy, industrial accident in 1976, regulatory agencies around the world initiated strict testing programs to monitor these toxic compounds. CIL and Cerilliant collaborated with the US EPA to prepare the first isotope dilution mass spectrometry (IDMS) standard mixtures for the analysis of PCDDs and PCDFs.



Dioxin and Furan Plus PCB Standard Mixtures

| Catalog No. | Compound | Amount | | | Price(¥) | | |
|---------------------------------------|---|-----------------------------|------|------|------------|------|------|
| EDF-5443 | Two-Column Dioxin and Furan and PCB Calibration Solutions [CS1H-CS6H] | Set of 6 × 0.2 mL in nonane | | | ¥1,120,000 | | |
| EDF-5443-CS1H | Two-Column Dioxin and Furan and PCB Calibration Solution [CS1H] | 0.2 mL in nonane | | | ¥200,000 | | |
| EDF-5443-CS4H | Two-Column Dioxin and Furan and PCB Calibration Solution [CS4H] | 0.2 mL in nonane | | | ¥200,000 | | |
| All concentrations are in ng/mL (ppb) | | | | | | | |
| Unlabeled | IUPAC | CS1H | CS2H | CS3H | CS4H | CS5H | CS6H |
| 2,3,7,8-TetraCDF | | 0.1 | 0.5 | 2.0 | 10 | 50 | 200 |
| 1,3,6,8-TetraCDF | | 0.1 | 0.5 | 2.0 | 10 | 50 | 200 |
| 1,2,7,8-TetraCDF | | 0.1 | 0.5 | 2.0 | 10 | 50 | 200 |
| 1,2,8,9-TetraCDF | | 0.1 | 0.5 | 2.0 | 10 | 50 | 200 |
| 1,2,3,7,8-PentaCDF | | 0.1 | 0.5 | 2.0 | 10 | 50 | 200 |
| 2,3,4,7,8-PentaCDF | | 0.1 | 0.5 | 2.0 | 10 | 50 | 200 |
| 1,2,3,4,7,8-HexaCDF | | 0.2 | 1.0 | 4.0 | 20 | 100 | 400 |
| 1,2,3,6,7,8-HexaCDF | | 0.2 | 1.0 | 4.0 | 20 | 100 | 400 |
| 2,3,4,6,7,8-HexaCDF | | 0.2 | 1.0 | 4.0 | 20 | 100 | 400 |
| 1,2,3,7,8,9-HexaCDF | | 0.2 | 1.0 | 4.0 | 20 | 100 | 400 |
| 1,2,3,4,6,7,8-HeptaCDF | | 0.2 | 1.0 | 4.0 | 20 | 100 | 400 |
| 1,2,3,4,7,8,9-HeptaCDF | | 0.2 | 1.0 | 4.0 | 20 | 100 | 400 |
| OctaCDF | | 0.5 | 2.5 | 10 | 50 | 250 | 1000 |
| 2,3,7,8-TetraCDD | | 0.1 | 0.5 | 2.0 | 10 | 50 | 200 |
| 1,3,6,8-TetraCDD | | 0.1 | 0.5 | 2.0 | 10 | 50 | 200 |
| 1,3,7,9-TetraCDD | | 0.1 | 0.5 | 2.0 | 10 | 50 | 200 |
| 1,2,8,9-TetraCDD | | 0.1 | 0.5 | 2.0 | 10 | 50 | 200 |
| 1,2,3,7,8-PentaCDD | | 0.1 | 0.5 | 2.0 | 10 | 50 | 200 |
| 1,2,3,4,7,8-HexaCDD | | 0.2 | 1.0 | 4.0 | 20 | 100 | 400 |
| 1,2,3,6,7,8-HexaCDD | | 0.2 | 1.0 | 4.0 | 20 | 100 | 400 |
| 1,2,3,7,8,9-HexaCDD | | 0.2 | 1.0 | 4.0 | 20 | 100 | 400 |
| 1,2,3,4,6,7,8-HeptaCDD | | 0.2 | 1.0 | 4.0 | 20 | 100 | 400 |
| OctaCDD | | 0.5 | 2.5 | 10 | 50 | 250 | 1000 |
| 3,4,4',5-TetraCB | 81 | 0.2 | 0.5 | 2.0 | 10 | 50 | 200 |
| 3,3',4,4'-TetraCB | 77 | 0.2 | 0.5 | 2.0 | 10 | 50 | 200 |
| 3,3',4,4',5-PentaCB | 126 | 0.2 | 0.5 | 2.0 | 10 | 50 | 200 |
| 3,3',4,4',5,5'-HexaCB | 169 | 0.2 | 0.5 | 2.0 | 10 | 50 | 200 |
| 2',3,4,4',5-PentaCB | 123 | 0.2 | 0.5 | 2.0 | 10 | 50 | 200 |
| 2,3',4,4',5-PentaCB | 118 | 0.2 | 0.5 | 2.0 | 10 | 50 | 200 |
| 2,3,3',4,4'-PentaCB | 105 | 0.2 | 0.5 | 2.0 | 10 | 50 | 200 |
| 2,3,4,4',5-PentaCB | 114 | 0.2 | 0.5 | 2.0 | 10 | 50 | 200 |
| 2,3',4,4',5,5'-HexaCB | 167 | 0.2 | 0.5 | 2.0 | 10 | 50 | 200 |
| 2,3,3',4,4',5-HexaCB | 156 | 0.2 | 0.5 | 2.0 | 10 | 50 | 200 |
| 2,3,3',4,4',5,5'-HexaCB | 157 | 0.2 | 0.5 | 2.0 | 10 | 50 | 200 |
| 2,3,3',4,4',5,5'-HeptaCB | 189 | 0.2 | 0.5 | 2.0 | 10 | 50 | 200 |
| 2,2',3,3',4,4',5-HeptaCB | 170 | 0.2 | 0.5 | 2.0 | 10 | 50 | 200 |
| 2,2',3,4,4',5,5'-HeptaCB | 180 | 0.2 | 0.5 | 2.0 | 10 | 50 | 200 |

Continued ▶

| Labeled | IUPAC | CS1H | CS2H | CS3H | CS4H | CS5H | CS6H |
|---|-------|------|------|------|------|------|------|
| 1,2,3,4-TetraCDD (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,3,6,8-TetraCDD (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,7,8-TetraCDD (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,2,3,7,8-PentaCDD (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,2,3,4,7,8-HexaCDD (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,2,3,6,7,8-HexaCDD (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,2,3,4,6,7-HexaCDD (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,2,3,7,8,9-HexaCDD (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,2,3,4,6,7,8-HeptaCDD (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 |
| OctaCDD (¹³ C ₁₂ , 99%) | | 20 | 20 | 20 | 20 | 20 | 20 |
| 2,3,7,8-TetraCDF (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,2,7,8-TetraCDF (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,2,3,7,8-PentaCDF (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,2,3,4,7,8-HexaCDF (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,2,3,6,7,8-HexaCDF (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,2,3,7,8,9-HexaCDF (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,2,3,4,6,7,8-HeptaCDF (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 |
| OctaCDF (¹³ C ₁₂ , 99%) | | 20 | 20 | 20 | 20 | 20 | 20 |
| 3,4,4',5-TetraCB (¹³ C ₁₂ , 99%) | 81 | 10 | 10 | 10 | 10 | 10 | 10 |
| 3,3',4,4'-TetraCB (¹³ C ₁₂ , 99%) | 77 | 10 | 10 | 10 | 10 | 10 | 10 |
| 3,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 126 | 10 | 10 | 10 | 10 | 10 | 10 |
| 3,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 169 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2',3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 123 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 118 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,3',4,4'-PentaCB (¹³ C ₁₂ , 99%) | 105 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 114 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 167 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,3',4,4',5-HexaCB (¹³ C ₁₂ , 99%) | 156 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,3',4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 189 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2',3,3',4,4',5-HeptaCB (¹³ C ₁₂ , 99%) | 170 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2',3,4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 180 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3',4,4',5-TetraCB (¹³ C ₁₂ , 99%) | 70 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,3',5,5'-PentaCB (¹³ C ₁₂ , 99%) | 111 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2',3,4,4',5-HexaCB (¹³ C ₁₂ , 99%) | 138 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2',3,3',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 178 | 10 | 10 | 10 | 10 | 10 | 10 |
| 3,3',4,5-TetraCB (¹³ C ₁₂ , 99%) | 79 | 10 | 10 | 10 | 10 | 10 | 10 |



Two-Column Dioxin and Furan and PCB Revision A Calibration Solutions

| Catalog No. | Description | Amount | Price(¥) |
|-----------------|--|---|------------|
| EDF-5443-A | Two-Column Dioxin and Furan and PCB Revision A Calibration Solutions [CS1H-CS6H] | Set of 6 x 0.2 mL in nonane/isooctane/toluene | ¥1,120,000 |
| EDF-5443-A-CS1H | Two-Column Dioxin and Furan and PCB Revision A Calibration Solutions CS1H | 0.2 mL in nonane/isooctane/toluene | ¥200,000 |
| EDF-5443-A-CS4H | Two-Column Dioxin and Furan and PCB Revision A Calibration Solutions CS4H | 0.2 mL in nonane/isooctane/toluene | ¥200,000 |
| EDF-5443-A-CS7H | Two-Column Dioxin and Furan and PCB Revision A Calibration Solutions CS7H | 0.2 mL in nonane/isooctane/toluene | ¥200,000 |

Individual calibration levels are also available for purchase.

| All concentrations are ng/mL | | | | | | | | |
|------------------------------|-------|------|------|------|------|------|------|------|
| Unlabeled | IUPAC | CS1H | CS2H | CS3H | CS4H | CS5H | CS6H | CS7H |
| 2,3,7,8-TetraCDF | | 0.1 | 0.5 | 2 | 10 | 50 | 200 | 500 |
| 1,3,6,8-TetraCDF | | 0.1 | 0.5 | 2 | 10 | 50 | 200 | 500 |
| 1,2,7,8-TetraCDF | | 0.1 | 0.5 | 2 | 10 | 50 | 200 | 500 |
| 1,2,8,9-TetraCDF | | 0.1 | 0.5 | 2 | 10 | 50 | 200 | 500 |
| 1,2,3,7,8-PentaCDF | | 0.1 | 0.5 | 2 | 10 | 50 | 200 | 500 |
| 2,3,4,7,8-PentaCDF | | 0.1 | 0.5 | 2 | 10 | 50 | 200 | 500 |
| 1,2,3,4,7,8-HexaCDF | | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 1,2,3,6,7,8-HexaCDF | | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 2,3,4,6,7,8-HexaCDF | | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 1,2,3,7,8,9-HexaCDF | | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 1,2,3,4,6,7,8-HeptaCDF | | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 1,2,3,4,7,8,9-HeptaCDF | | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| OctaCDF | | 0.5 | 2.5 | 10 | 50 | 250 | 1000 | 2500 |
| 2,3,7,8-TetraCDD | | 0.1 | 0.5 | 2 | 10 | 50 | 200 | 500 |
| 1,3,6,8-TetraCDD | | 0.1 | 0.5 | 2 | 10 | 50 | 200 | 500 |
| 1,3,7,9-TetraCDD | | 0.1 | 0.5 | 2 | 10 | 50 | 200 | 500 |
| 1,2,8,9-TetraCDD | | 0.1 | 0.5 | 2 | 10 | 50 | 200 | 500 |
| 1,2,3,7,8-PentaCDD | | 0.1 | 0.5 | 2 | 10 | 50 | 200 | 500 |
| 1,2,3,4,7,8-HexaCDD | | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 1,2,3,6,7,8-HexaCDD | | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 1,2,3,7,8,9-HexaCDD | | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 1,2,3,4,6,7,8-HeptaCDD | | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| OctaCDD | | 0.5 | 2.5 | 10 | 50 | 250 | 1000 | 2500 |
| 3,4,4',5-TetraCB | 81 | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 3,3',4,4'-TetraCB | 77 | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 3,3',4,4',5-PentaCB | 126 | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 3,3',4,4',5,5'-HexaCB | 169 | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 2',3,4,4',5-PentaCB | 123 | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 2,3',4,4',5-PentaCB | 118 | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 2,3,3',4,4'-PentaCB | 105 | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 2,3,4,4',5-PentaCB | 114 | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 2,3',4,4',5,5'-HexaCB | 167 | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 2,3,3',4,4',5-HexaCB | 156 | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 2,3,3',4,4',5-HeptaCB | 157 | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 2,3,3',4,4',5,5'-HeptaCB | 189 | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 2,2',3,3',4,4',5-HeptaCB | 170 | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 2,2',3,4,4',5,5'-HeptaCB | 180 | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 2,3,3',4,4',5-HexaCB | 157 | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 2,3,3',4,4',5,5'-HeptaCB | 189 | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 2,2',3,3',4,4',5-HeptaCB | 170 | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 2,2',3,3',4,4',5,5'-HeptaCB | 180 | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 2,2',3,3',4,4',5-HexaCB | 157 | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 2,2',3,3',4,4',5,5'-HeptaCB | 189 | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 2,2',3,3',4,4',5-HeptaCB | 170 | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |
| 2,2',3,3',4,4',5,5'-HeptaCB | 180 | 0.2 | 1.0 | 4 | 20 | 100 | 400 | 1000 |

Individual calibration levels are also available for purchase.

| Labeled | IUPAC | CS1H | CS2H | CS3H | CS4H | CS5H | CS6H | CS7H |
|---|-------|------|------|------|------|------|------|------|
| 1,2,3,4-TetraCDD (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,3,6,8-TetraCDD (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,7,8-TetraCDD (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,2,3,7,8-PentaCDD (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,2,3,4,7,8-HexaCDD (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,2,3,4,6,7,8-HeptaCDD (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| OctaCDD (¹³ C ₁₂ , 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 2,3,7,8-TetraCDF (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,2,3,4,6,7,8-PentaCDF (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,4,7,8-PentaCDF (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,2,3,4,6,7,8-HexaCDF (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,2,3,4,7,8,9-HexaCDF (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1,2,3,4,6,7,8-HeptaCDF (¹³ C ₁₂ , 99%) | | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| OctaCDF (¹³ C ₁₂ , 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 3,4,4',5-TetraCB (¹³ C ₁₂ , 99%) | 81 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 3,3',4,4'-TetraCB (¹³ C ₁₂ , 99%) | 77 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 3,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 126 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 3,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 169 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2',3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 123 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 118 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,3',4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 105 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 114 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 167 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,3',4,4',5-HexaCB (¹³ C ₁₂ , 99%) | 156 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,3',4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 157 | 10 | 10 | 10 | | | | |



Dioxin and Furan Plus PCB Standard Mixtures

| Catalog No. | Description | Amount | Price(¥) |
|---|--|----------------------------|----------|
| EC-5396-CS8 | Co-PCB Calibration Solution CS8 (used with EDF-5443-A) | 0.2 mL in nonane/ isoctane | ¥197,000 |
| | IUPAC | (ng/mL) | |
| Unlabeled | | | |
| 3,3',4,4'-TetraCB | 77 | 2000 | |
| 3,4,4',5-TetraCB | 81 | 2000 | |
| 2,3,3',4,4'-PentaCB | 105 | 2000 | |
| 2,3,4,4',5-PentaCB | 114 | 2000 | |
| 2,3',4,4',5-PentaCB | 118 | 2000 | |
| 2',3,4,4',5-PentaCB | 123 | 2000 | |
| 3,3',4,4'5-PentaCB | 126 | 2000 | |
| 2,3,3',4,4',5-HexaCB | 156 | 2000 | |
| 2,3,3',4,4',5'-HexaCB | 157 | 2000 | |
| 2,3',4,4',5,5'-HexaCB | 167 | 2000 | |
| 3,3',4,4',5,5'-HexaCB | 169 | 2000 | |
| 2,2',3,3',4,4',5-HeptaCB | 170 | 2000 | |
| 2,2',3,4,4',5,5'-HeptaCB | 180 | 2000 | |
| 2,3,3',4,4',5,5'-HeptaCB | 189 | 2000 | |
| Labeled | | | |
| 3,3',4,4'-TetraCB (¹³ C ₁₂ , 99%) | 77 | 10 | |
| 3,4,4',5-TetraCB (¹³ C ₁₂ , 99%) | 81 | 10 | |
| 2,3,3',4,4'-PentaCB (¹³ C ₁₂ , 99%) | 105 | 10 | |
| 2,3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 114 | 10 | |
| 2,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 118 | 10 | |
| 2',3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 123 | 10 | |
| 3,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 126 | 10 | |
| 2,3,3',4,4',5-HexaCB (¹³ C ₁₂ , 99%) | 156 | 10 | |
| 2,3,3',4,4',5'-HexaCB (¹³ C ₁₂ , 99%) | 157 | 10 | |
| 2,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 167 | 10 | |
| 3,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 169 | 10 | |
| 2,2',3,3',4,4',5-HeptaCB (¹³ C ₁₂ , 99%) | 170 | 10 | |
| 2,2',3,4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 180 | 10 | |
| 2,3,3',4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 189 | 10 | |
| Syringe | | | |
| 2,3',4,5-TetraCB (¹³ C ₁₂ , 99%) | 70 | 10 | |
| 2,3,3',5,5'-PentaCB (¹³ C ₁₂ , 99%) | 111 | 10 | |
| 2,2',3,4,4',5-HexaCB (¹³ C ₁₂ , 99%) | 138 | 10 | |
| 2,2',3,3',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 178 | 10 | |
| Sampling | | | |
| 3,3',4,5'-TetraCB (¹³ C ₁₂ , 99%) | 79 | 10 | |

Dioxin and Furan Plus PCB Standard Mixtures

| Catalog No. | Compound | Amount | Price(¥) |
|---|---------------------------------|------------------|----------------------|
| EC-5325 | Modified JIS PCB Syringe Spike | 1.2 mL in nonane | ¥78,400 |
| EC-5325-0.2X | Modified JIS PCB Syringe Spike | 10 mL in nonane | ¥48,800 |
| EC-5325-20X | Modified JIS PCB Syringe Spike | 1.2 mL in nonane | ¥395,200 |
| | IUPAC | EC-5325 (ng/mL) | EC-5325-0.2X (ng/mL) |
| Labeled | | | |
| 2,3',4,4',5-TetraCB (¹³ C ₁₂ , 99%) | 70 | 50 | 10 |
| 2,3,3',5,5'-PentaCB (¹³ C ₁₂ , 99%) | 111 | 50 | 10 |
| 2,2',3,4,4',5'-HexaCB (¹³ C ₁₂ , 99%) | 138 | 50 | 10 |
| 2,2',3,3',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 178 | 50 | 10 |
| EC-5326 | Modified JIS PCB Sampling Spike | 1.2 mL in nonane | ¥29,600 |
| EC-5326-20X | Modified JIS PCB Sampling Spike | 1.2 mL in nonane | ¥105,000 |
| | IUPAC | EC-5326 (ng/mL) | EC-5326-20X (ng/mL) |



Two-Column Dioxin and Furan Standard Mixtures

| Catalog No. | Description | Amount | Price(¥) |
|-------------|--|------------------|----------|
| EDF-5635 | Two-Column Dioxin and Furan and PCB Native PAR Spike | 1.2 mL in nonane | ¥166,000 |
| EDF-5645 | Two-Column Dioxin and Furan Native Stock Solution | 1.2 mL in nonane | ¥144,600 |

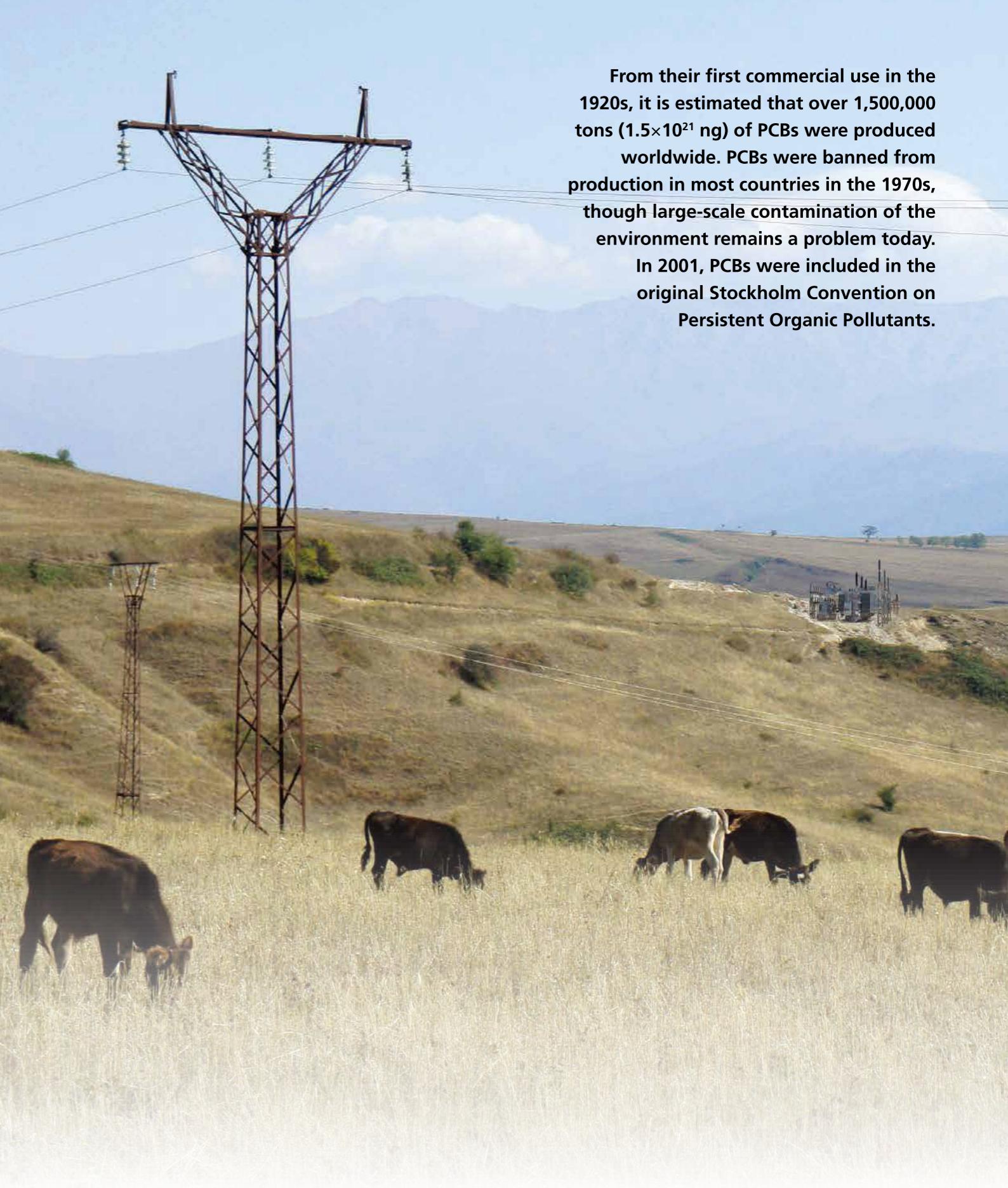
All concentrations are ng/mL

| Unlabeled | IUPAC | EDF-5635 | EDF-5645 |
|--------------------------|-------|----------|----------|
| 1,3,6,8-TetraCDD | | 10 | 500 |
| 1,3,7,9-TetraCDD | | 10 | 500 |
| 1,2,8,9-TetraCDD | | 10 | 500 |
| 2,3,7,8-TetraCDD | | 10 | 500 |
| 1,2,3,7,8-PentaCDD | | 10 | 500 |
| 1,2,3,4,7,8-HexaCDD | | 20 | 1000 |
| 1,2,3,6,7,8-HexaCDD | | 20 | 1000 |
| 1,2,3,7,8,9-HexaCDD | | 20 | 1000 |
| 1,2,3,4,6,7,8-HeptaCDD | | 20 | 1000 |
| OctaCDD | | 50 | 2500 |
| 1,3,6,8-TetraCDF | | 10 | 500 |
| 1,2,7,8-TetraCDF | | 10 | 500 |
| 1,2,8,9-TetraCDF | | 10 | 500 |
| 2,3,7,8-TetraCDF | | 10 | 500 |
| 1,2,3,7,8-PentaCDF | | 10 | 500 |
| 2,3,4,7,8-PentaCDF | | 10 | 500 |
| 1,2,3,4,7,8-HexaCDF | | 20 | 1000 |
| 1,2,3,6,7,8-HexaCDF | | 20 | 1000 |
| 1,2,3,7,8,9-HexaCDF | | 20 | 1000 |
| 2,3,4,6,7,8-HexaCDF | | 20 | 1000 |
| 1,2,3,4,6,7,8-HeptaCDF | | 20 | 1000 |
| 1,2,3,4,7,8,9-HeptaCDF | | 20 | 1000 |
| OctaCDF | | 50 | 2500 |
| 3,3',4,4'-TetraCB | 77 | 20 | - |
| 3,4,4',5-TetraCB | 81 | 20 | - |
| 2,3,3',4,4'-PentaCB | 105 | 20 | - |
| 2,3,4,4',5-PentaCB | 114 | 20 | - |
| 2,3',4,4',5-PentaCB | 118 | 20 | - |
| 2',3,4,4',5-PentaCB | 123 | 20 | - |
| 3,3',4,4'5-PentaCB | 126 | 20 | - |
| 2,3,3',4,4',5-HexaCB | 156 | 20 | - |
| 2,3,3',4,4',5'-HexaCB | 157 | 20 | - |
| 2,3',4,4',5,5'-HexaCB | 167 | 20 | - |
| 3,3',4,4',5,5'-HexaCB | 169 | 20 | - |
| 2,2',3,3',4,4',5-HeptaCB | 170 | 20 | - |
| 2,2',3,4,4',5,5'-HeptaCB | 180 | 20 | - |
| 2,3,3',4,4',5,5'-HeptaCB | 189 | 20 | - |

Two-Column Dioxin and Furan Standard Mixtures

| Catalog No. | Description | Amount | Price(¥) |
|--------------|---|------------------|----------|
| EDF-5444 | Two-Column Dioxin and Furan and PCB Cleanup Spike | 0.6 mL in nonane | ¥886,200 |
| EDF-5444-C | Two-Column Dioxin and Furan and PCB Cleanup Spike with 1,3,6,8-TetraCDD | 0.6 mL in nonane | ¥924,400 |
| EDF-5431 | Two-Column Dioxin and Furan Syringe Spike | 1.2 mL in nonane | ¥85,400 |
| EDF-5431-20X | Two-Column Dioxin and Furan Syringe Spike | 1.2 mL in nonane | ¥602,400 |
| ED-5432 | Two-Column Dioxin and Furan Sampling Spike | 1.2 mL in nonane | ¥36,600 |

| Cleanup | IUPAC | EDF-5444 | EDF-5444-C | EDF-5431 | EDF-5431-20X | ED-5432 |
|---|-------|----------|------------|----------|--------------|---------|
| 1,3,6,8-TetraCDD (¹³ C ₁₂ , 99%) | | - | 1000 | - | - | - |
| 2,3,7,8-TetraCDD (¹³ C ₁₂ , 99%) | | 1000 | 1000 | - | - | - |
| 1,2,3,7,8-PentaCDD (¹³ C ₁₂ , 99%) | | 1000 | 1000 | - | - | - |
| 1,2,3,4,7,8-HexaCDD (¹³ C ₁₂ , 99%) | | 1000 | 1000 | - | - | - |
| 1,2,3,6,7,8-HexaCDD (¹³ C ₁₂ , 99%) | | 1000 | 1000 | - | - | - |
| 1,2,3,7,8,9-HexaCDD (¹³ C ₁₂ , 99%) | | 1000 | 1000 | - | - | - |
| 1,2,3,4,6,7,8-HeptaCDD (¹³ C ₁₂ , 99%) | | 1000 | 1000 | - | - | - |
| OctaCDD (¹³ C ₁₂ , 99%) | | 2000 | 2000 | - | - | - |
| 2,3,7,8-TetraCDF (¹³ C ₁₂ , 99%) | | 1000 | 1000 | - | - | - |
| 1,2,3,7,8-PentaCDF (¹³ C ₁₂ , 99%) | | 1000 | 1000 | - | - | - |
| 2,3,4,7,8-PentaCDF (¹³ C ₁₂ , 99%) | | 1000 | 1000 | - | - | - |
| 1,2,3,4,7,8-HexaCDF (¹³ C ₁₂ , 99%) | | 1000 | 1000 | - | - | - |
| 1,2,3,6,7,8-HexaCDF (¹³ C ₁₂ , 99%) | | 1000 | 1000 | - | - | - |
| 1,2,3,7,8,9-HexaCDF (¹³ C ₁₂ , 99%) | | 1000 | 1000 | - | - | - |
| 2,3,4,6,7,8-HexaCDF (¹³ C ₁₂ , 99%) | | 1000 | 1000 | - | - | - |
| 1,2,3,4,6,7,8-HeptaCDF (¹³ C ₁₂ , 99%) | | 1000 | 1000 | - | - | - |
| 1,2,3,4,7,8,9-HeptaCDF (¹³ C ₁₂ , 99%) | | 1000 | 1000 | - | - | - |
| OctaCDF (¹³ C ₁₂ , 99%) | | 2000 | 2000 | - | - | - |
| 3,3',4,4'-TetraCB (¹³ C ₁₂ , 99%) | 77 | 1000 | 1000 | - | - | - |
| 3,4,4',5-TetraCB (¹³ C ₁₂ , 99%) | 81 | 1000 | 1000 | - | - | - |
| 3,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 126 | 1000 | 1000 | - | - | - |
| 3,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 169 | 1000 | 1000 | - | - | - |
| 2',3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 123 | 1000 | 1000 | - | - | - |
| 2',3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 118 | 1000 | 1000 | - | - | - |
| 2,3,3',4,4'-PentaCB (¹³ C ₁₂ , 99%) | 105 | 1000 | 1000 | - | - | - |
| 2,3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 114 | 1000 | 1000 | - | - | - |
| 2,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 167 | 1000 | 1000 | - | - | - |
| 2,3,3',4,4',5-HexaCB (¹³ C ₁₂ , 99%) | 156 | 1000 | 1000 | - | - | - |
| 2,3,3',4,4',5'-HexaCB (¹³ C ₁₂ , 99%) | 157 | 1000 | 1000 | - | - | - |
| 2,3,3',4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 189 | 1000 | 1000 | - | - | - |
| 2,2',3,4,4',5'-HeptaCB (¹³ C ₁₂ , 99%) | 180 | 1000 | 1000 | - | - | - |
| Syringe | | | | | | |
| 1,2,7,8-TetraCDF (¹³ C ₁₂ , 99%) | | - | - | 50 | 1000 | - |
| 1,2,3,4,6-PentaCDF (¹³ C ₁₂ , 99%) | | - | - | 50 | 1000 | - |
| 1,2,3,4,6,7-HexaCDD (¹³ C ₁₂ , 99%) | | - | - | 50 | 1000 | - |
| 1,2,3,4,6,8,9-HeptaCDF (¹³ C ₁₂ , 99%) | | - | - | 50 | 1000 | - |
| Sampling | | | | | | |
| 1,2,3,4-TetraCDD (¹³ C ₁₂ , 99%) | | - | - | - | - | 50 |



From their first commercial use in the 1920s, it is estimated that over 1,500,000 tons (1.5×10^{21} ng) of PCBs were produced worldwide. PCBs were banned from production in most countries in the 1970s, though large-scale contamination of the environment remains a problem today.

In 2001, PCBs were included in the original Stockholm Convention on Persistent Organic Pollutants.



“Non-Dioxin-Like” (Marker/Indicator) PCB Mixtures

| Catalog No. | Compound | Amount | Price(¥) |
|---------------|--|---------------------------------------|----------|
| EC-5448-HR | Rapid PCB Screening Calibration Solutions [CS0.02, 0.05, 0.1, 0.5] | Set of 4 × 0.2 mL in nonane/isooctane | ¥632,000 |
| EC-5448-CS0.1 | HRMS Rapid PCB Screening Calibration Solution [CS0.1] | 0.2 mL in nonane/isooctane | ¥162,000 |
| EC-5448-CS0.5 | HRMS Rapid PCB Screening Calibration Solution [CS0.5] | 0.2 mL in nonane/isooctane | ¥162,000 |
| EC-5448 | Rapid PCB Screening Calibration Solutions [CS1-CS4] | Set of 4 × 0.2 mL in nonane/isooctane | ¥632,000 |
| EC-5448-CS4 | Rapid PCB Screening Calibration Solution [CS4] | 0.2 mL in nonane/isooctane | ¥162,000 |

All concentrations are in ng/mL (ppb)

| Unlabeled | IUPAC | CS0.02 | CS0.05 | CS0.1 | CS0.5 | CS1 | CS2 | CS3 | CS4 |
|---|-------|--------|--------|-------|-------|-----|-----|-----|-----|
| 2,4,4'-TriCB | 28 | 0.02 | 0.05 | 0.1 | 0.5 | 1 | 5 | 10 | 50 |
| 2,2',5-TriCB | 18 | 0.02 | 0.05 | 0.1 | 0.5 | 1 | 5 | 10 | 50 |
| 2,2',3,5'-TetraCB | 44 | 0.02 | 0.05 | 0.1 | 0.5 | 1 | 5 | 10 | 50 |
| 2,3',4',5-TetraCB | 70 | 0.02 | 0.05 | 0.1 | 0.5 | 1 | 5 | 10 | 50 |
| 2,2',5,5'-TetraCB | 52 | 0.02 | 0.05 | 0.1 | 0.5 | 1 | 5 | 10 | 50 |
| 2,2',4,5,5'-PentaCB | 101 | 0.02 | 0.05 | 0.1 | 0.5 | 1 | 5 | 10 | 50 |
| 2,3,3',4',6-PentaCB | 110 | 0.02 | 0.05 | 0.1 | 0.5 | 1 | 5 | 10 | 50 |
| 2,3',4,4',5-PentaCB | 118 | 0.02 | 0.05 | 0.1 | 0.5 | 1 | 5 | 10 | 50 |
| 2,2',3,4',5',6-HexaCB | 149 | 0.02 | 0.05 | 0.1 | 0.5 | 1 | 5 | 10 | 50 |
| 2,2',3,4,4',5'-HexaCB | 138 | 0.02 | 0.05 | 0.1 | 0.5 | 1 | 5 | 10 | 50 |
| 2,2',4,4',5,5'-HexaCB | 153 | 0.02 | 0.05 | 0.1 | 0.5 | 1 | 5 | 10 | 50 |
| 2,2',3,4,4',5,5'-HeptaCB | 180 | 0.02 | 0.05 | 0.1 | 0.5 | 1 | 5 | 10 | 50 |
| 2,2',3,4',5,5',6-HeptaCB | 187 | 0.02 | 0.05 | 0.1 | 0.5 | 1 | 5 | 10 | 50 |
| Extraction | | | | | | | | | |
| 2,4,4'-TriCB (¹³ C ₁₂ , 99%) | 28 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2',5,5'-TetraCB (¹³ C ₁₂ , 99%) | 52 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2',4,5,5'-PentaCB (¹³ C ₁₂ , 99%) | 101 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2',3,4,4',5'-HexaCB (¹³ C ₁₂ , 99%) | 138 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 153 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2',3,4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 180 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Syringe | | | | | | | | | |
| 2,3',4',5-TetraCB (¹³ C ₁₂ , 99%) | 70 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 118 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2',3,4,5,5'-HexaCB (¹³ C ₁₂ , 99%) | 141 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |

Rapid PCB Screening “Non-Dioxin-Like” (Marker/Indicator) PCB Mixtures

| Catalog No. | Compound | Amount | Price(¥) |
|---|--|----------------------|--------------------------|
| EC-5379 | EN-1948-4 MARKER PCB EXTRACTION STANDARD | 1.2 mL in nonane | ¥245,600 |
| EC-5379-5X1.2 | EN-1948-4 MARKER PCB EXTRACTION STANDARD | 5 × 1.2 mL in nonane | ¥1,074,200 |
| | | | |
| Labeled | IUPAC | EC-5379 (ng/mL) | EC-5379-1/10X-10 (ng/mL) |
| 2,4,4'-TriCB (¹³ C ₁₂ , 99%) | 28 | 1000 | 100 |
| 2,2',5,5'-TetraCB (¹³ C ₁₂ , 99%) | 52 | 1000 | 100 |
| 2,2',4,5,5'-PentaCB (¹³ C ₁₂ , 99%) | 101 | 1000 | 100 |
| 2,2',3,4,4',5'-HexaCB (¹³ C ₁₂ , 99%) | 138 | 1000 | 100 |
| 2,2',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 153 | 1000 | 100 |
| 2,2',3,4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 180 | 1000 | 100 |
| | | | |
| EC-5450 | Rapid PCB Screening Syringe Spike | 1.2 mL in nonane | ¥283,800 |
| | | | |
| Labeled | IUPAC | (ng/mL) | |
| 2,3',4',5-TetraCB (¹³ C ₁₂ , 99%) | 70 | 2000 | |
| 2,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 118 | 2000 | |
| 2,2',3,4,5,5'-HexaCB (¹³ C ₁₂ , 99%) | 141 | 2000 | |
| | | | |
| EC-5453 | Rapid PCB Screening Native PAR Solution | 0.5 mL in isooctane | ¥73,200 |
| | | | |
| Unlabeled | IUPAC | (ng/mL) | |
| 2,4,4'-TriCB | 28 | 1000 | |
| 2,2',5-TriCB | 18 | 1000 | |
| 2,2',3,5'-TetraCB | 44 | 1000 | |
| 2,3',4',5-TetraCB | 70 | 1000 | |
| 2,2',5,5'-TetraCB | 52 | 1000 | |
| 2,2',4,5,5'-PentaCB | 101 | 1000 | |
| 2,3,3',4',6-PentaCB | 110 | 1000 | |
| 2,3',4,4',5-PentaCB | 118 | 1000 | |
| 2,2',3,4,4',5'-HexaCB | 149 | 1000 | |
| 2,2',3,4,4',5'-HexaCB | 138 | 1000 | |
| 2,2',4,4',5,5'-HexaCB | 153 | 1000 | |
| 2,2',3,4,4',5,5'-HeptaCB | 180 | 1000 | |
| 2,2',3,4',5,5',6-HeptaCB | 187 | 1000 | |



PCB-Wide PCBs “Non-Dioxin-Like” PCB Mixtures

| Catalog No. | Compound | Amount | | | | | Price(¥) |
|-------------|--|---------------------------------------|--|--|--|--|------------|
| EC-5414 | Mono-Deca Plus Predominant PCB Calibration Solutions [CS1-CS5] | Set of 5 × 0.2 mL in nonane/isooctane | | | | | ¥1,100,000 |

All concentrations are in ng/mL (ppb)

| Unlabeled | IUPAC | CS1 | CS2 | CS3 | CS4 | CS5 |
|---|-------|-----|-----|-----|-----|------|
| 4-MonoCB | 3 | 4 | 20 | 100 | 500 | 2000 |
| 2,4'-DiCB | 8 | 4 | 20 | 100 | 500 | 2000 |
| 2,4,4'-TriCB | 28 | 2 | 10 | 50 | 250 | 1000 |
| 2,2',5,5'-TetraCB | 52 | 2 | 10 | 50 | 250 | 1000 |
| 2,2',4,5,5'-PentaCB | 101 | 2 | 10 | 50 | 250 | 1000 |
| 2,3',4,4',5-PentaCB | 118 | 2 | 10 | 50 | 250 | 1000 |
| 2,3,4,4',5-PentaCB | 114 | 2 | 10 | 50 | 250 | 1000 |
| 2,2',3,4,4',5-HexaCB | 138 | 2 | 10 | 50 | 250 | 1000 |
| 2,2',4,4',5,5'-HexaCB | 153 | 2 | 10 | 50 | 250 | 1000 |
| 2,2',3,4,4',5,5'-HeptaCB | 180 | 2 | 10 | 50 | 250 | 1000 |
| 2,2',3,3',4,4',5,5'-OctaCB | 194 | 4 | 20 | 100 | 500 | 2000 |
| 2,2',3,3',4,4',5,5',6-NonaCB | 206 | 4 | 20 | 100 | 500 | 2000 |
| DecaCB | 209 | 4 | 20 | 100 | 500 | 2000 |
| Labeled | | | | | | |
| 4-MonoCB (¹³ C ₁₂ , 99%) | 3 | 100 | 100 | 100 | 100 | 100 |
| 2,4'-DiCB (¹³ C ₁₂ , 99%) | 8 | 100 | 100 | 100 | 100 | 100 |
| 2,4,4'-TriCB (¹³ C ₁₂ , 99%) | 28 | 100 | 100 | 100 | 100 | 100 |
| 2,2',5,5'-TetraCB (¹³ C ₁₂ , 99%) | 52 | 100 | 100 | 100 | 100 | 100 |
| 2,2',4,5,5'-PentaCB (¹³ C ₁₂ , 99%) | 101 | 100 | 100 | 100 | 100 | 100 |
| 2,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 118 | 100 | 100 | 100 | 100 | 100 |
| 2,3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 114 | 100 | 100 | 100 | 100 | 100 |
| 2,2',3,4,4',5-HexaCB (¹³ C ₁₂ , 99%) | 138 | 100 | 100 | 100 | 100 | 100 |
| 2,2',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 153 | 100 | 100 | 100 | 100 | 100 |
| 2,2',3,4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 180 | 100 | 100 | 100 | 100 | 100 |
| 2,2',3,3',4,4',5,5'-OctaCB (¹³ C ₁₂ , 99%) | 194 | 100 | 100 | 100 | 100 | 100 |
| 2,2',3,3',4,4',5,5',6-NonaCB (¹³ C ₁₂ , 99%) | 206 | 100 | 100 | 100 | 100 | 100 |
| DecaCB (¹³ C ₁₂ , 99%) | 209 | 100 | 100 | 100 | 100 | 100 |
| Syringe | | | | | | |
| 2,4',6-TriCB (¹³ C ₁₂ , 99%) | 32 | 100 | 100 | 100 | 100 | 100 |
| 2,3',4',5-TetraCB (¹³ C ₁₂ , 99%) | 70 | 100 | 100 | 100 | 100 | 100 |
| 3,3',4,5,5'-PentaCB (¹³ C ₁₂ , 99%) | 127 | 100 | 100 | 100 | 100 | 100 |
| 2,2',3,3',4,4'-HexaCB (¹³ C ₁₂ , 99%) | 128 | 100 | 100 | 100 | 100 | 100 |
| 2,2',3,3',4,4',5-HeptaCB (¹³ C ₁₂ , 99%) | 170 | 100 | 100 | 100 | 100 | 100 |

| Catalog No. | Compound | Amount | Price(¥) |
|-------------|--|------------------|------------|
| EC-5411 | Predominant Mono-Deca PCB Spike | 1.2 mL in nonane | ¥1,260,000 |
| EC-5411-A | Modified Predominant Mono-Deca PCB Spike | 1.2 mL in nonane | ¥1,260,000 |

| Labeled | IUPAC | EC-5411 (ng/mL) | EC-5411-A (ng/mL) |
|---|-------|-----------------|-------------------|
| 4-MonoCB (¹³ C ₁₂ , 99%) | 3 | 2000 | 2000 |
| 2,4'-DiCB (¹³ C ₁₂ , 99%) | 8 | 2000 | 2000 |
| 2,4,4'-TriCB (¹³ C ₁₂ , 99%) | 28 | 2000 | 1000 |
| 2,2',5,5'-TetraCB (¹³ C ₁₂ , 99%) | 52 | 2000 | 1000 |
| 2,2',4,5,5'-PentaCB (¹³ C ₁₂ , 99%) | 101 | 2000 | 1000 |
| 2,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 118 | 2000 | 1000 |
| 2,3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 114 | 2000 | 1000 |
| 2,2',3,4,4',5-HexaCB (¹³ C ₁₂ , 99%) | 138 | 2000 | 1000 |
| 2,2',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 153 | 2000 | 1000 |
| 2,2',3,4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 180 | 2000 | 1000 |
| 2,2',3,3',4,4',5,5'-OctaCB (¹³ C ₁₂ , 99%) | 194 | 2000 | 2000 |
| 2,2',3,3',4,4',5,5',6-NonaCB (¹³ C ₁₂ , 99%) | 206 | 2000 | 2000 |
| DecaCB (¹³ C ₁₂ , 99%) | 209 | 2000 | 2000 |

| | | | |
|---------|--|------------------|----------|
| EC-5415 | Mono-Deca Plus Predominant PCB Syringe Spike | 1.2 mL in nonane | ¥633,000 |
|---------|--|------------------|----------|

| Labeled | IUPAC | (ng/mL) |
|---|-------|---------|
| 2,4',6-TriCB (¹³ C ₁₂ , 99%) | 32 | 2000 |
| 2,3',4',5-TetraCB (¹³ C ₁₂ , 99%) | 70 | 2000 |
| 3,3',4,5,5'-PentaCB (¹³ C ₁₂ , 99%) | 127 | 2000 |
| 2,2',3,3',4,4'-HexaCB (¹³ C ₁₂ , 99%) | 128 | 2000 |
| 2,2',3,3',4,4',5-HeptaCB (¹³ C ₁₂ , 99%) | 170 | 2000 |

| | | | |
|---------|--|---------------------|---------|
| EC-5412 | Native Mono-Deca Plus Predominant Spike PCBs | 1.2 mL in isooctane | ¥88,800 |
|---------|--|---------------------|---------|

| Unlabeled | IUPAC | (ng/mL) |
|------------------------------|-------|---------|
| 4-MonoCB | 3 | 2000 |
| 2,4'-DiCB | 8 | 2000 |
| 2,4,4'-TriCB | 28 | 2000 |
| 2,2',5,5'-TetraCB | 52 | 2000 |
| 2,2',4,5,5'-PentaCB | 101 | 2000 |
| 2,3',4,4',5-PentaCB | 118 | 2000 |
| 2,3,4,4',5-PentaCB | 114 | 2000 |
| 2,2',3,4,4',5-HexaCB | 138 | 2000 |
| 2,2',4,4',5,5'-HexaCB | 153 | 2000 |
| 2,2',3,4,4',5,5'-HeptaCB | 180 | 2000 |
| 2,2',3,3',4,4',5,5'-OctaCB | 194 | 2000 |
| 2,2',3,3',4,4',5,5',6-NonaCB | 206 | 2000 |
| DecaCB | 209 | 2000 |



WHO “Dioxin-Like” and “Non-Dioxin-Like” (Marker/Indicator) PCB Mixtures

| Catalog No. | Compound | Amount | | | | | | Price(¥) | | | | | | | | | |
|---------------------------------------|---|--------------------------------|-----|-----|-----|-----|-----|----------|--|--|--|--|--|--|--|--|--|
| | | 5 x 0.2 mL in nonane/isooctane | | | | | | | | | | | | | | | |
| All concentrations are in ng/mL (ppb) | | | | | | | | | | | | | | | | | |
| Unlabeled | | | | | | | | | | | | | | | | | |
| EC-5518 | Comprehensive PCB Calibration Solutions [CS1-CS5] | IUPAC | CS1 | CS2 | CS3 | CS4 | CS5 | CS6 | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | 2-MonoCB | 1 | 0.2 | 1 | 4 | 20 | 100 | 500 | | | | | | | | | |
| | 4-MonoCB | 3 | 0.2 | 1 | 4 | 20 | 100 | 500 | | | | | | | | | |
| | 2,2'-DiCB | 4 | 0.2 | 1 | 4 | 20 | 100 | 500 | | | | | | | | | |
| | 2,4'-DiCB | 8 | 0.2 | 1 | 4 | 20 | 100 | 500 | | | | | | | | | |
| | 2,5-DiCB | 9 | 0.2 | 1 | 4 | 20 | 100 | 500 | | | | | | | | | |
| | 2,6-DiCB | 10 | 0.2 | 1 | 4 | 20 | 100 | 500 | | | | | | | | | |
| | 3,3'-DiCB | 11 | 0.2 | 1 | 4 | 20 | 100 | 500 | | | | | | | | | |
| | 3,4-DiCB | 12 | 0.2 | 1 | 4 | 20 | 100 | 500 | | | | | | | | | |
| | 4,4'-DiCB | 15 | 0.2 | 1 | 4 | 20 | 100 | 500 | | | | | | | | | |
| | 2,2',5-TriCB | 18 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,2',6-TriCB | 19 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,4,4'-TriCB | 28 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,4',5-TriCB | 31 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2',3,4-TriCB | 33 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 3,3',4-TriCB | 35 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 3,4,4'-TriCB | 37 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 3,4,5-TriCB | 38 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,2',3,5'-TetraCB | 44 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,2',4,5'-TetraCB | 49 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,2',5,5'-TetraCB | 52 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,2',6,6'-TetraCB | 54 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,3,3',5-TetraCB | 57 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,3',4,4'-TetraCB | 66 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,3',4',5-TetraCB | 70 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,4,4',5-TetraCB | 74 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 3,3',4,4'-TetraCB | 77 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 3,3',4,5-TetraCB | 78 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 3,3',4,5'-TetraCB | 79 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 3,4,4',5-TetraCB | 81 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,2',3,4,5'-PentaCB | 87 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,2',3,5,6-PentaCB | 95 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,2',4,4',5-PentaCB | 99 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,2',4,5,5'-PentaCB | 101 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,2',4,6,6'-PentaCB | 104 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,3,3',4,4'-PentaCB | 105 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,3,3',4,6-PentaCB | 110 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,3,3',5,5'-PentaCB | 111 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,3,4,4',5-PentaCB | 114 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,3',4,4',5-PentaCB | 118 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,3',4,4',5'-PentaCB | 123 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 3,3',4,4',5-PentaCB | 126 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,2',3,4,4',5-HexaCB | 138 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,2',3,4,5',6-HexaCB | 149 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,2',4,4',5,5'-HexaCB | 153 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,2',4,4',6,6'-HexaCB | 155 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,3,3',4,4',5-HexaCB | 156 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |
| | 2,3,3',4,4',5'-HexaCB | 157 | 0.1 | 0.5 | 2 | 10 | 50 | 250 | | | | | | | | | |

Continued ▶

| Unlabeled | IUPAC | CS1 | CS2 | CS3 | CS4 | CS5 | CS6 |
|--|-------|-----|-----|-----|-----|-----|-----|
| 2,3,3',4',5,5'-HexaCB | 162 | 0.1 | 0.5 | 2 | 10 | 50 | 250 |
| 2,3',4,4',5,5'-HexaCB | 167 | 0.1 | 0.5 | 2 | 10 | 50 | 250 |
| 3,3',4,4',5,5'-HexaCB | 169 | 0.1 | 0.5 | 2 | 10 | 50 | 250 |
| 2,2',3,3',4,4',5-HeptaCB | 170 | 0.1 | 0.5 | 2 | 10 | 50 | 250 |
| 2,2',3,3',4,5,6'-HeptaCB | 174 | 0.1 | 0.5 | 2 | 10 | 50 | 250 |
| 2,2',3,3',5,5',6-HeptaCB | 178 | 0.1 | 0.5 | 2 | 10 | 50 | 250 |
| 2,2',3,4,4',5,5'-HeptaCB | 180 | 0.1 | 0.5 | 2 | 10 | 50 | 250 |
| 2,2',3,4',5,5',6-HeptaCB | 187 | 0.1 | 0.5 | 2 | 10 | 50 | 250 |
| 2,2',3,4',5,6,6'-HeptaCB | 188 | 0.1 | 0.5 | 2 | 10 | 50 | 250 |
| 2,3,3',4,4',5,5'-HeptaCB | 189 | 0.1 | 0.5 | 2 | 10 | 50 | 250 |
| 2,2',3,3',4,4',5,5'-OctaCB | 194 | 0.1 | 0.5 | 2 | 10 | 50 | 250 |
| 2,2',3,3',4,4',5,6-OctaCB | 195 | 0.1 | 0.5 | 2 | 10 | 50 | 250 |
| 2,2',3,3',4,5,6,6'-OctaCB | 200 | 0.1 | 0.5 | 2 | 10 | 50 | 250 |
| 2,2',3,3',5,5',6,6'-OctaCB | 202 | 0.1 | 0.5 | 2 | 10 | 50 | 250 |
| 2,2',3,4,4',5,5',6-OctaCB | 203 | 0.1 | 0.5 | 2 | 10 | 50 | 250 |
| 2,3,3',4,4',5,5',6-OctaCB | 205 | 0.1 | 0.5 | 2 | 10 | 50 | 250 |
| 2,2',3,3',4,4',5,5',6-NonaCB | 206 | 0.1 | 0.5 | 2 | 10 | 50 | 250 |
| 2,2',3,3',4,5,5',6,6'-NonaCB | 208 | 0.1 | 0.5 | 2 | 10 | 50 | 250 |
| DecaCB | 209 | 0.1 | 0.5 | 2 | 10 | 50 | 250 |
| Toxics/LOC/Window Defining | | | | | | | |
| 2-MonoCB (¹³ C ₁₂ , 99%) | 1 | 10 | 10 | 10 | 10 | 10 | 10 |
| 4-MonoCB (¹³ C ₁₂ , 99%) | 3 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2'-DiCB (¹³ C ₁₂ , 99%) | 4 | 10 | 10 | 10 | 10 | 10 | 10 |
| 4,4'-DiCB (¹³ C ₁₂ , 99%) | 15 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2',6-TriCB (¹³ C ₁₂ , 99%) | 19 | 10 | 10 | 10 | 10 | 10 | 10 |
| 3,4,4'-TriCB (¹³ C ₁₂ , 99%) | 37 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2',6,6'-TetraCB (¹³ C ₁₂ , 99%) | 54 | 10 | 10 | 10 | 10 | 10 | 10 |
| 3,3',4,4'-TetraCB (¹³ C ₁₂ , 99%) | 77 | 10 | 10 | 10 | 10 | 10 | 10 |
| 3,4,4',5-TetraCB (¹³ C ₁₂ , 99%) | 81 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2',4,6,6'-PentaCB (¹³ C ₁₂ , 99%) | 104 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,3',4,4'-PentaCB (¹³ C ₁₂ , 99%) | 105 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 114 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 118 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 123 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 126 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2',4,4',6,6'-HexaCB (¹³ C ₁₂ , 99%) | 155 | 10 | 10 | 10 | 10 | 10 | 1 |



| Catalog No. | Compound | Amount | Price(¥) |
|-------------|---|------------------|------------|
| EC-4977 | Method 1668A/B/C Labeled Toxics/LOC/ Window Defining Solution | 1.2 mL in nonane | ¥924,400 |
| EC-4977-5 | Method 1668A/B/C Labeled Toxics/LOC/ Window Defining Solution | 5 mL in nonane | ¥1,845,400 |

| Labeled | IUPAC | (ng/mL) |
|---|-------|---------|
| 2-MonoCB (¹³ C ₁₂ , 99%) | 1 | 1000 |
| 4-MonoCB (¹³ C ₁₂ , 99%) | 3 | 1000 |
| 2,2'-DiCB (¹³ C ₁₂ , 99%) | 4 | 1000 |
| 4,4'-DiCB (¹³ C ₁₂ , 99%) | 15 | 1000 |
| 2,2',6-TriCB (¹³ C ₁₂ , 99%) | 19 | 1000 |
| 3,4,4'-TriCB (¹³ C ₁₂ , 99%) | 37 | 1000 |
| 2,2',6,6'-TetraCB (¹³ C ₁₂ , 99%) | 54 | 1000 |
| 3,3',4,4'-TetraCB (¹³ C ₁₂ , 99%) | 77 | 1000 |
| 3,4,4',5-TetraCB (¹³ C ₁₂ , 99%) | 81 | 1000 |
| 2,2',4,6,6'-PentaCB (¹³ C ₁₂ , 99%) | 104 | 1000 |
| 2,3,3',4,4'-PentaCB (¹³ C ₁₂ , 99%) | 105 | 1000 |
| 2,3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 114 | 1000 |
| 2,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 118 | 1000 |
| 2',3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 123 | 1000 |
| 3,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 126 | 1000 |
| 2,3,3',4,4',5-HexaCB (¹³ C ₁₂ , 99%) | 155 | 1000 |
| 2,2',4,4',6,6'-HexaCB (¹³ C ₁₂ , 99%) | 156 | 1000 |
| 2,3,3',4,4',5-HexaCB (¹³ C ₁₂ , 99%) | 157 | 1000 |
| 2,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 167 | 1000 |
| 3,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 169 | 1000 |
| 2,2',3,4',5,6,6'-HeptaCB (¹³ C ₁₂ , 99%) | 188 | 1000 |
| 2,3,3',4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 189 | 1000 |
| 2,2',3,3',5,5',6,6'-OctaCB (¹³ C ₁₂ , 99%) | 202 | 1000 |
| 2,3,3',4,4',5,5',6-OctaCB (¹³ C ₁₂ , 99%) | 205 | 1000 |
| 2,2',3,3',4,4',5,5',6-NonaCB (¹³ C ₁₂ , 99%) | 206 | 1000 |
| 2,2',3,3',4,5,5',6,6'-NonaCB (¹³ C ₁₂ , 99%) | 208 | 1000 |
| DecaCB (¹³ C ₁₂ , 99%) | 209 | 1000 |

| EC-4978 | Method 1668A/B/C Labeled Cleanup Standard Solution | 1.2 mL in nonane | ¥216,000 |
|---|--|------------------|----------|
| Labeled | IUPAC | (ng/mL) | |
| 2,4,4'-TriCB (¹³ C ₁₂ , 99%) | 28 | 1000 | |
| 2,3,3',5,5'-PentaCB (¹³ C ₁₂ , 99%) | 111 | 1000 | |
| 2,2',3,3',5,5',6-HeptaCB (¹³ C ₁₂ , 99%) | 178 | 1000 | |

| | | | |
|---------|---|------------------|----------|
| EC-4979 | Method 1668A/B/C Labeled Injection Internal Standard Solution | 1.2 mL in nonane | ¥621,600 |
|---------|---|------------------|----------|

| Labeled | IUPAC | (ng/mL) |
|---|-------|---------|
| 2,5-DiCB (¹³ C ₁₂ , 99%) | 9 | 5000 |
| 2,2',5,5'-TetraCB (¹³ C ₁₂ , 99%) | 52 | 5000 |
| 2,2',4,5,5'-PentaCB (¹³ C ₁₂ , 99%) | 101 | 5000 |
| 2,2',3,4,4',5'-HexaCB (¹³ C ₁₂ , 99%) | 138 | 5000 |
| 2,2',3,3',4,4',5,5'-OctaCB (¹³ C ₁₂ , 99%) | 194 | 5000 |

| Catalog No. | Compound | Amount | Price(¥) | | |
|---------------------|----------------------------------|--------------------|------------------------------|-------|---------|
| EC-5433 | Comprehensive Native PCB Mixture | 1.2 mL in isoctane | ¥395,200 | | |
| Unlabeled | IUPAC | (ng/mL) | Unlabeled | IUPAC | (ng/mL) |
| 2-MonoCB | 1 | 2000 | 2,2',4,6,6'-PentaCB | 104 | 1000 |
| 4-MonoCB | 3 | 2000 | 2,3,3',4,4'-PentaCB | 105 | 1000 |
| 2,2'-DiCB | 4 | 2000 | 2,3,3',4',6-PentaCB | 110 | 1000 |
| 2,4'-DiCB | 8 | 2000 | 2,3,3',5,5'-PentaCB | 111 | 1000 |
| 2,5-DiCB | 9 | 2000 | 2,3,4,4',5-PentaCB | 114 | 1000 |
| 2,6-DiCB | 10 | 2000 | 2,3',4,4',5-PentaCB | 118 | 1000 |
| 3,3'-DiCB | 11 | 2000 | 2',3,4,4',5-PentaCB | 123 | 1000 |
| 3,4-DiCB | 12 | 2000 | 3,3',4,4',5-PentaCB | 126 | 1000 |
| 4,4'-DiCB | 15 | 2000 | 2,2',3,4,4',5'-HexaCB | 138 | 1000 |
| 2,2',5-TriCB | 18 | 1000 | 2,2',3,4,4',5'-HexaCB | 149 | 1000 |
| 2,2',6-TriCB | 19 | 1000 | 2,2',4,4',5,5'-HexaCB | 153 | 1000 |
| 2,4,4'-TriCB | 28 | 1000 | 2,2',4,4',6,6'-HexaCB | 155 | 1000 |
| 2,4',5-TriCB | 31 | 1000 | 2,3,3',4,4',5-HexaCB | 156 | 1000 |
| 2',3,4-TriCB | 33 | 1000 | 2,3,3',4,4',5,5'-HexaCB | 157 | 1000 |
| 3,3',4-TriCB | 35 | 1000 | 2,3',4,4',5,5'-HexaCB | 162 | 1000 |
| 3,4,4'-TriCB | 37 | 1000 | 2,3',4,4',5,5'-HexaCB | 167 | 1000 |
| 3,4,5-TriCB | 38 | 1000 | 3,3',4,4',5,5'-HexaCB | 169 | 1000 |
| 2,2',3,5'-TetraCB | 44 | 1000 | 2,2',3,3',4,4',5-HeptaCB | 170 | 1000 |
| 2,2',4,5'-TetraCB | 49 | 1000 | 2,2',3,3',4,5,6'-HeptaCB | 174 | 1000 |
| 2,2',5,5'-TetraCB | 52 | 1000 | 2,2',3,3',5,5',6-HeptaCB | 178 | 1000 |
| 2,2',6,6'-TetraCB | 54 | 1000 | 2,2',3,4,4',5,5'-HeptaCB | 180 | 1000 |
| 2,3,3',5-TetraCB | 57 | 1000 | 2,2',3,4',5,5',6-HeptaCB | 187 | 1000 |
| 2,3',4,4'-TetraCB | 66 | 1000 | 2,2',3,4',5,6,6'-HeptaCB | 188 | 1000 |
| 2,3',4',5-TetraCB | 70 | 1000 | 2,3,3',4,4',5,5'-HeptaCB | 189 | 1000 |
| 2,4,4',5-TetraCB | 74 | 1000 | 2,2',3,3',4,4',5,5'-OctaCB | 194 | 1000 |
| 3,3',4,4'-TetraCB | 77 | 1000 | 2,2',3,3',4,4',5,6-OctaCB | 195 | 1000 |
| 3,3',4,5-TetraCB | 78 | 1000 | 2,2',3,3',4,5,6,6'-OctaCB | 200 | 1000 |
| 3,3',4,5'-TetraCB | 79 | 1000 | 2,2',3,3',5,5',6-OctaCB | 202 | 1000 |
| 3,4,4',5-TetraCB | 81 | 1000 | 2,2',3,4,4',5,5',6-OctaCB | 203 | 1000 |
| 2,2',3,4,5'-PentaCB | 87 | 1000 | 2,3,3',4,4',5,5',6-OctaCB | 205 | 1000 |
| 2,2',3,5',6-PentaCB | 95 | 1000 | 2,2',3,3',4,4',5,5'-NonaCB | 206 | 1000 |
| 2,2',4,4',5-PentaCB | 99 | 1000 | 2,2',3,3',4,4',5,5',6-NonaCB | 208 | 1000 |
| 2,2',4,5,5'-PentaCB | 101 | 1000 | DecaCB | 209 | 1000 |



| Catalog No. | Compound | Amount | | | | | | | | | Price(¥) | | | | | | | | | |
|--|---|------------------------------|------|-----|------|----|------|-----|-----|------|------------|--|--|--|--|--|--|--|--|--|
| | CDC PCB Calibration Solutions [CS1-CS10] (NOTE: Individual calibration standards are available upon request) | Set of 10 × 0.5 mL in nonane | | | | | | | | | ¥1,187,400 | | | | | | | | | |
| <i>All concentrations are in ng/mL (ppb)</i> | | | | | | | | | | | | | | | | | | | | |
| Unlabeled | | | | | | | | | | | | | | | | | | | | |
| IUPAC CS1 CS2 CS3 CS4 CS5 CS6 CS7 CS8 CS9 CS10 | | | | | | | | | | | | | | | | | | | | |
| 2,2',5-TriCB | | | | | | | | | | | | | | | | | | | | |
| 2,2',5-TriCB | 18 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,4,4'-TriCB | 28 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,2',3,5'-TetraCB | 44 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,2',4,5'-TetraCB | 49 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,2',5,5'-TetraCB | 52 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,3',4,4'-TetraCB | 66 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,4,4'-5-TetraCB | 74 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,2',3,4,5'-PentaCB | 87 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,2',4,4',5-PentaCB | 99 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,2',4,5,5'-PentaCB | 101 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,3,3',4,4'-PentaCB | 105 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,3,3',4',6-PentaCB | 110 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,3,4,4',5-PentaCB | 114 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,3',4,4',5-PentaCB | 118 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | 3000 | 7500 | | | | | | | | | |
| 2',3,4,4',5-PentaCB | 123 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,2',3,3',4,4'-HexaCB | 128 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,2',3,4,4',5'-HexaCB | 138 | 0.1 | 0.25 | 0.5 | 1.25 | 5 | 37.5 | 50 | 250 | 1500 | 3750 | | | | | | | | | |
| 2,2',3,4',5,5'-HexaCB | 146 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,2',3,4',5',6-HexaCB | 149 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,2',3,5,5',6-HexaCB | 151 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,2',4,4',5,5'-HexaCB | 153 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | 3000 | 7500 | | | | | | | | | |
| 2,3,3',4,4',5-HexaCB | 156 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,3,3',4,4',5'-HexaCB | 157 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,3,3',4,4',6-HexaCB | 158 | 0.1 | 0.25 | 0.5 | 1.25 | 5 | 37.5 | 50 | 250 | 1500 | 3750 | | | | | | | | | |
| 2,3',4,4',5,5'-HexaCB | 167 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,2',3,3',4,4',5-HeptaCB | 170 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | 3000 | 7500 | | | | | | | | | |
| 2,2',3,3',4,5,5'-HeptaCB | 172 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,2',3,3',4',5,6-HeptaCB | 177 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,2',3,3',5,5',6-HeptaCB | 178 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,2',3,4,4',5,5'-HeptaCB | 180 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | 3000 | 7500 | | | | | | | | | |
| 2,2',3,4,4',5',6-HeptaCB | 183 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,2',3,4',5,5',6-HeptaCB | 187 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | 3000 | 7500 | | | | | | | | | |
| 2,3,3',4,4',5-HeptaCB | 189 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,2',3,3',4,4',5,5'-OctaCB | 194 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,2',3,3',4,4',5,6-OctaCB | 195 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,2',3,3',4,4',5',6-OctaCB | 196 | 0.1 | 0.25 | 0.5 | 1.25 | 5 | 37.5 | 50 | 250 | | | | | | | | | | | |
| 2,2',3,3',4,5,5',6-OctaCB | 201 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| 2,2',3,4,4',5,5',6-OctaCB | 203 | 0.1 | 0.25 | 0.5 | 1.25 | 5 | 37.5 | 50 | 250 | | | | | | | | | | | |
| 2,2',3,3',4,4',5,5',6-NonaCB | 206 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| DecaCB | 209 | 0.2 | 0.5 | 1 | 2.5 | 10 | 75 | 100 | 500 | | | | | | | | | | | |
| Labeled | | | | | | | | | | | | | | | | | | | | |
| 2,4,4'-TriCB (' ¹³ C ₁₂ , 99%) | 28 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | | | | | | | | | | | |
| 2,2',5,5'-TetraCB (' ¹³ C ₁₂ , 99%) | 52 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | | | | | | | | | | | |
| 2,2',4,5,5'-PentaCB (' ¹³ C ₁₂ , 99%) | 101 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | | | | | | | | | | | |
| 2,3,3',4,4'-PentaCB (' ¹³ C ₁₂ , 99%) | 105 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | | | | | | | | | | | |
| 2,3,4,4',5-PentaCB (' ¹³ C ₁₂ , 99%) | 114 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | | | | | | | | | | | |
| 2,3',4,4',5-PentaCB (' ¹³ C ₁₂ , 99%) | 118 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | | | | | | | | | | | |
| 2',3,4,4',5-PentaCB (' ¹³ C ₁₂ , 99%) | 123 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | | | | | | | | | | | |
| 2,2',3,3',4,4'-HexaCB (' ¹³ C ₁₂ , 99%) | 128 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | | | | | | | | | | | |
| 2,2',3,4,4',5'-HeptaCB (' ¹³ C ₁₂ , 99%) | 138 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | | | | | | | | | | | |
| 2,2',3,4',5,5',6-HeptaCB (' ¹³ C ₁₂ , 99%) | 146 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | | | | | | | | | | | |
| 2,2',3,4',5',6-HeptaCB (' ¹³ C ₁₂ , 99%) | 149 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | | | | | | | | | | | |
| 2,2',3,5,5',6-HeptaCB (' ¹³ C ₁₂ , 99%) | 151 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | | | | | | | | | | | |
| 2,2',4,4',5,5'-HeptaCB (' ¹³ C ₁₂ , 99%) | 153 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | | | | | | | | | | | |
| 2,2',4,4',5',6-HeptaCB (' ¹³ C ₁₂ , 99%) | 157 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | | | | | | | | | | | |
| 2,2',3,3',4,4',5-HeptaCB (' ¹³ C ₁₂ , 99%) | 167 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | | | | | | | | | | | |
| 2,2',3,3',4,5,5'-HeptaCB (' ¹³ C ₁₂ , 99%) | 170 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | | | | | | | | | | | |
| 2,2',3,3',4,5',6-HeptaCB (' ¹³ C ₁₂ , 99%) | 172 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | | | | | | | | | | | |
| 2,2',3,3',4',5,6-HeptaCB (' ¹³ C ₁₂ , 99%) | 177 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | | | | | | | | | | | |
| 2,2',3,3',5,5',6-HeptaCB (' ¹³ C ₁₂ , 99%) | 178 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | | | | | | | | | | | |
| 2,2',3,4,4',5,5'-HeptaCB (' ¹³ C ₁₂ , 99%) | 180 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 3000 | 7500 | | | | | | | | | |
| 2,2',3,4,4',5',6-HeptaCB (' ¹³ C ₁₂ , 99%) | 183 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | | | | | | | | | | | |
| 2,2',3,4',5,5',6-HeptaCB (' ¹ | | | | | | | | | | | | | | | | | | | | |



WHO “Dioxin-Like” PCB Mixtures

| Catalog No. | Compound | Amount | | | | | | Price(¥) |
|-------------|--|-----------------------------|--|--|--|--|--|----------|
| EC-5396 | Co-PCB Calibration Solutions [CS1-CS6] (シリーズK) | Set of 6 × 0.2 mL in nonane | | | | | | ¥886,200 |
| EC-5396-CS4 | Co-PCB Calibration Solution [CS4] | 0.2 mL in nonane | | | | | | ¥141,200 |

| All concentrations are in ng/mL (ppb) | | | | | | | |
|---|-------|-----|-----|-----|-----|-----|-----|
| Unlabeled | IUPAC | CS1 | CS2 | CS3 | CS4 | CS5 | CS6 |
| 3,4,4',5-TetraCB | 81 | 0.2 | 0.5 | 2 | 10 | 50 | 200 |
| 3,3',4,4'-TetraCB | 77 | 0.2 | 0.5 | 2 | 10 | 50 | 200 |
| 3,3',4,4',5-PentaCB | 126 | 0.2 | 0.5 | 2 | 10 | 50 | 200 |
| 3,3',4,4',5,5'-HexaCB | 169 | 0.2 | 0.5 | 2 | 10 | 50 | 200 |
| 2',3,4,4',5-PentaCB | 123 | 0.2 | 0.5 | 2 | 10 | 50 | 200 |
| 2,3',4,4',5-PentaCB | 118 | 0.2 | 0.5 | 2 | 10 | 50 | 200 |
| 2,3,3',4,4'-PentaCB | 105 | 0.2 | 0.5 | 2 | 10 | 50 | 200 |
| 2,3,4,4',5-PentaCB | 114 | 0.2 | 0.5 | 2 | 10 | 50 | 200 |
| 2,3',4,4',5,5'-HexaCB | 167 | 0.2 | 0.5 | 2 | 10 | 50 | 200 |
| 2,3,3',4,4',5-HexaCB | 156 | 0.2 | 0.5 | 2 | 10 | 50 | 200 |
| 2,3,3',4,4',5'-HexaCB | 157 | 0.2 | 0.5 | 2 | 10 | 50 | 200 |
| 2,3,3',4,4',5,5'-HeptaCB | 189 | 0.2 | 0.5 | 2 | 10 | 50 | 200 |
| 2,2',3,3',4,4',5-HeptaCB | 170 | 0.2 | 0.5 | 2 | 10 | 50 | 200 |
| 2,2',3,4,4',5,5'-HeptaCB | 180 | 0.2 | 0.5 | 2 | 10 | 50 | 200 |
| Labeled | | | | | | | |
| 3,4,4',5-TetraCB (¹³ C ₁₂ , 99%) | 81 | 10 | 10 | 10 | 10 | 10 | 10 |
| 3,3',4,4'-TetraCB (¹³ C ₁₂ , 99%) | 77 | 10 | 10 | 10 | 10 | 10 | 10 |
| 3,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 126 | 10 | 10 | 10 | 10 | 10 | 10 |
| 3,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 169 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2',3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 123 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 118 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,3',4,4'-PentaCB (¹³ C ₁₂ , 99%) | 105 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 114 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 167 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,3',4,4',5-HexaCB (¹³ C ₁₂ , 99%) | 156 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,3',4,4',5'-HexaCB (¹³ C ₁₂ , 99%) | 157 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,3',4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 189 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2',3,3',4,4',5-HeptaCB (¹³ C ₁₂ , 99%) | 170 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2',3,4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 180 | 10 | 10 | 10 | 10 | 10 | 10 |
| Syringe | | | | | | | |
| 2,3',4,5-TetraCB (¹³ C ₁₂ , 99%) | 70 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,3',5,5'-PentaCB (¹³ C ₁₂ , 99%) | 111 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2',3,4,4',5'-HexaCB (¹³ C ₁₂ , 99%) | 138 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2',3,3',5,5',6-HeptaCB (¹³ C ₁₂ , 99%) | 178 | 10 | 10 | 10 | 10 | 10 | 10 |
| Sampling | | | | | | | |
| 3,3',4,5'-TetraCB (¹³ C ₁₂ , 99%) | 79 | 10 | 10 | 10 | 10 | 10 | 10 |

| Catalog No. | Description | Amount | Price(¥) |
|---|--|----------------------------|----------|
| EC-5396-CS8 | Co-PCB Calibration Solution CS8 (used with EDF-5443-A) | 0.2 mL in nonane/ isoctane | ¥197,000 |
| Unlabeled | | | |
| 3,3',4,4'-TetraCB | 77 | 2000 | |
| 3,4,4',5-TetraCB | 81 | 2000 | |
| 2,3,3',4,4'-PentaCB | 105 | 2000 | |
| 2,3,4,4',5-PentaCB | 114 | 2000 | |
| 2,3',4,4',5-PentaCB | 118 | 2000 | |
| 2',3,4,4',5-PentaCB | 123 | 2000 | |
| 3,3',4,4'5-PentaCB | 126 | 2000 | |
| 2,3,3',4,4',5-HexaCB | 156 | 2000 | |
| 2,3,3',4,4',5'-HexaCB | 157 | 2000 | |
| 2,3',4,4',5,5'-HexaCB | 167 | 2000 | |
| 2,2',3,3',4,4',5-HeptaCB | 170 | 2000 | |
| 2,2',3,4,4',5,5'-HeptaCB | 180 | 2000 | |
| Labeled | | | |
| 3,3',4,4'-TetraCB (¹³ C ₁₂ , 99%) | 77 | 10 | |
| 3,4,4',5-TetraCB (¹³ C ₁₂ , 99%) | 81 | 10 | |
| 2,3,3',4,4'-PentaCB (¹³ C ₁₂ , 99%) | 105 | 10 | |
| 2,3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 114 | 10 | |
| 2,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 118 | 10 | |
| 2',3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 123 | 10 | |
| 3,3',4,4'5-PentaCB (¹³ C ₁₂ , 99%) | 126 | 10 | |
| 2,3,3',4,4',5-HexaCB (¹³ C ₁₂ , 99%) | 156 | 10 | |
| 2,3,3',4,4',5'-HexaCB (¹³ C ₁₂ , 99%) | 157 | 10 | |
| 2,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 167 | 10 | |
| 2,2',3,3',4,4',5-HeptaCB (¹³ C ₁₂ , 99%) | 170 | 10 | |
| 2,2',3,4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 180 | 10 | |
| 2,3,3',4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 189 | 10 | |
| Syringe | | | |
| 2,3',4,5-TetraCB (¹³ C ₁₂ , 99%) | 70 | 10 | |
| 2,3,3',5,5'-PentaCB (¹³ C ₁₂ , 99%) | 111 | 10 | |
| 2,2',3,4,4',5'-HexaCB (¹³ C ₁₂ , 99%) | 138 | 10 | |
| 2,2',3,3',5,5',6-HeptaCB (¹³ C ₁₂ , 99%) | 178 | 10 | |
| Sampling | | | |
| 3,3',4,5'-TetraCB (¹³ C ₁₂ , 99%) | 79 | 10 | |



WHO “Dioxin-Like” PCB Mixtures

| Catalog No. | Compound | Amount | | | Price(¥) | |
|---|--|-----------------------------|------|------|----------|------|
| EC-5421-H-E | DL-PCB RH12 Extended Calibration Solutions [CS0.4H-CS6H] | Set of 7 × 0.2 mL in nonane | | | ¥999,400 | |
| EC-5421-H | DL-PCB RH12 Calibration Solutions [CS1H-CS5H] | Set of 5 × 0.2 mL in nonane | | | ¥827,000 | |
| EC-5421-CS0.4H | DL-PCB RH12 Extended Calibration Solution [CS0.4H] | 0.2 mL in nonane | | | ¥170,600 | |
| EC-5421-CS1H | DL-PCB RH12 Calibration Solution [CS1H] | 0.2 mL in nonane | | | ¥170,600 | |
| EC-5421-CS2H | DL-PCB RH12 Calibration Solution [CS2H] | 0.2 mL in nonane | | | ¥170,600 | |
| EC-5421-CS3H | DL-PCB RH12 Calibration Solution [CS3H] | 0.2 mL in nonane | | | ¥170,600 | |
| EC-5421-CS4H | DL-PCB RH12 Calibration Solution [CS4H] | 0.2 mL in nonane | | | ¥170,600 | |
| EC-5421-CS5H | DL-PCB RH12 Calibration Solution [CS5H] | 0.2 mL in nonane | | | ¥170,600 | |
| EC-5421-CS6H | DL-PCB RH12 Extended Calibration Solution [CS6H] | 0.2 mL in nonane | | | ¥170,600 | |
| All concentrations are in ng/mL (ppb) | | | | | | |
| Unlabeled | IUPAC | CS0.4H | CS1H | CS2H | CS3H | CS4H |
| 3,4,4',5-TetraCB | 81 | 0.1 | 0.25 | 1 | 5 | 20 |
| 3,3',4,4'-TetraCB | 77 | 0.1 | 0.25 | 1 | 5 | 20 |
| 2',3,4,4',5-PentaCB | 123 | 0.1 | 0.25 | 1 | 5 | 20 |
| 2,3',4,4',5-PentaCB | 118 | 0.2 | 0.5 | 2 | 10 | 40 |
| 2,3,4,4',5-PentaCB | 114 | 0.1 | 0.25 | 1 | 5 | 20 |
| 2,3,3',4,4'-PentaCB | 105 | 0.2 | 0.5 | 2 | 10 | 40 |
| 3,3',4,4',5-PentaCB | 126 | 0.1 | 0.25 | 1 | 5 | 20 |
| 2,3',4,4',5,5'-HexaCB | 167 | 0.1 | 0.25 | 1 | 5 | 20 |
| 2,3,3',4,4',5-HexaCB | 156 | 0.2 | 0.5 | 2 | 10 | 40 |
| 2,3,3',4,4',5'-HexaCB | 157 | 0.1 | 0.25 | 1 | 5 | 20 |
| 2,2',3,4,4',5,5'-HeptaCB | 180 | 0.1 | 0.25 | 1 | 5 | 20 |
| 3,3',4,4',5,5'-HexaCB | 169 | 0.1 | 0.25 | 1 | 5 | 20 |
| 2,2',3,3',4,4',5-HeptaCB | 170 | 0.1 | 0.25 | 1 | 5 | 20 |
| 2,3,3',4,4',5,5'-HeptaCB | 189 | 0.1 | 0.25 | 1 | 5 | 20 |
| Extraction | | | | | | |
| 3,4,4',5-TetraCB (¹³ C ₁₂ , 99%) | 81 | 10 | 10 | 10 | 10 | 10 |
| 3,3',4,4'-TetraCB (¹³ C ₁₂ , 99%) | 77 | 10 | 10 | 10 | 10 | 10 |
| 2',3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 123 | 10 | 10 | 10 | 10 | 10 |
| 2,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 118 | 20 | 20 | 20 | 20 | 20 |
| 2,3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 114 | 10 | 10 | 10 | 10 | 10 |
| 2,3,3',4,4'-PentaCB (¹³ C ₁₂ , 99%) | 105 | 20 | 20 | 20 | 20 | 20 |
| 3,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 126 | 10 | 10 | 10 | 10 | 10 |
| 2,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 167 | 10 | 10 | 10 | 10 | 10 |
| 2,3,3',4,4',5-HexaCB (¹³ C ₁₂ , 99%) | 156 | 20 | 20 | 20 | 20 | 20 |
| 2,3,3',4,4',5'-HexaCB (¹³ C ₁₂ , 99%) | 157 | 10 | 10 | 10 | 10 | 10 |
| 2,2',3,4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 180 | 10 | 10 | 10 | 10 | 10 |
| 3,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 169 | 10 | 10 | 10 | 10 | 10 |
| 2,3,3',4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 189 | 10 | 10 | 10 | 10 | 10 |
| Syringe | | | | | | |
| 2,3',4,4'-TetraCB (¹³ C ₁₂ , 99%) | 70 | 10 | 10 | 10 | 10 | 10 |
| 3,3',4,5,5'-PentaCB (¹³ C ₁₂ , 99%) | 127 | 10 | 10 | 10 | 10 | 10 |
| 2,2',3,3',4,4'-HexaCB (¹³ C ₁₂ , 99%) | 128 | 10 | 10 | 10 | 10 | 10 |
| 2,2',3,3',4,4',5-HeptaCB (¹³ C ₁₂ , 99%) | 170 | 10 | 10 | 10 | 10 | 10 |
| Sampling | | | | | | |
| 2,3,4,4'-TetraCB (¹³ C ₁₂ , 99%) | 60 | 10 | 10 | 10 | 10 | 10 |
| 2,3,3',4,5,5'-PentaCB (¹³ C ₁₂ , 99%) | 111 | 10 | 10 | 10 | 10 | 10 |
| 2,3,3',4,5,5'-HexaCB (¹³ C ₁₂ , 99%) | 159 | 10 | 10 | 10 | 10 | 10 |

| Catalog No. | Compound | Amount | | Price(¥) |
|---|--|------------------|------------------------|----------------------------|
| | | EC-5422 | EC-5422-10X | |
| EC-5422 | DL-PCB RH12 Extraction Spike | 1.2 mL in nonane | | ¥216,000 |
| NEW! EC-5422-10X | DL-PCB RH12 Extraction Spike | 1.2 mL in nonane | | ¥369,200 |
| Labeled | | IUPAC | EC-5422 (ng/mL) | EC-5422-10X (ng/mL) |
| 3,4,4',5-TetraCB (¹³ C ₁₂ , 99%) | 81 | 100 | 1000 | |
| 3,3',4,4'-TetraCB (¹³ C ₁₂ , 99%) | 77 | 100 | 1000 | |
| 2',3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 123 | 100 | 1000 | |
| 2,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 118 | 200 | 2000 | |
| 2,3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 114 | 100 | 1000 | |
| 2,3,3',4,4'-PentaCB (¹³ C ₁₂ , 99%) | 105 | 200 | 2000 | |
| 3,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 126 | 100 | 1000 | |
| 2,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 167 | 100 | 1000 | |
| 2,3,3',4,4',5-HexaCB (¹³ C ₁₂ , 99%) | 156 | 100 | 1000 | |
| 2,3,3',4,4',5'-HexaCB (¹³ C ₁₂ , 99%) | 157 | 100 | 1000 | |
| 2,2',3,4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 180 | 100 | 1000 | |
| 3,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 169 | 100 | 1000 | |
| 2,3,3',4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 189 | 100 | 1000 | |
| EC-5423 | DL-PCB RH12 Syringe Spike | 1.2 mL in nonane | | ¥95,800 |
| EC-5423-10X | DL-PCB RH12 Syringe Spike | 1.2 mL in nonane | | お問い合わせ |
| Labeled | | IUPAC | EC-5423 (ng/mL) | EC-5423-10X (ng/mL) |
| 2,3',4',5-TetraCB (¹³ C ₁₂ , 99%) | 70 | 100 | 1000 | |
| 3,3',4,5,5'-PentaCB (¹³ C ₁₂ , 99%) | 127 | 100 | 1000 | |
| 2,2',3,3',4,4'-HexaCB (¹³ C ₁₂ , 99%) | 128 | 100 | 1000 | |
| 2,2',3,3',4,4',5-HeptaCB (¹³ C ₁₂ , 99%) | 170 | 100 | 1000 | |
| EC-5424 | DL-PCB RH12 Sampling Spike | 1.2 mL in nonane | | ¥73,200 |
| NEW! EC-5424-10X | DL-PCB RH12 Sampling Spike | 1.2 mL in nonane | | お問い合わせ |
| Labeled | | IUPAC | EC-5424 (ng/mL) | EC-5424-10X (ng/mL) |
| 2,3,4,4'-TetraCB (¹³ C ₁₂ , 99%) | 60 | 100 | 1000 | |
| 2,3,3',5,5'-PentaCB (¹³ C ₁₂ , 99%) | 111 | 100 | 1000 | |
| 2,3,3',4,5,5'-HexaCB (¹³ C ₁₂ , 99%) | 159 | 100 | 1000 | |
| EC-5505-10X | DL-PCB RH12 Native Spike (excluding PCB-170) | 1.2 mL in nonane | | ¥57,600 |
| Labeled | | IUPAC | (ng/mL) | |
| 3,4,4',5-TetraCB | 81 | 1000 | | |
| 3,3',4,4'-TetraCB | 77 | 1000 | | |
| 2',3,4,4',5-PentaCB | 123 | 1000 | | |
| 2,3',4,4',5-PentaCB | 118 | 2000 | | |
| 2,3,4,4',5-PentaCB | 114 | 1000 | | |
| 2,3,3',4,4'-PentaCB | 105 | 2000 | | |
| 3,3',4,4',5-PentaCB | 126 | 1000 | | |
| 2,3',4,4',5,5'-HexaCB | 167 | 1000 | | |
| 2,3,3',4,4',5-HexaCB | 156 | 2000 | | |
| 2,3,3',4,4',5'-HexaCB | 157 | 1000 | | |
| 2,2',3,4,4',5,5'-HeptaCB | 180 | 1000 | | |
| 3,3',4,4',5,5'-HexaCB | 169 | 1000 | | |
| 2,3,3',4,4',5,5'-HeptaCB | 189 | 1000 | | |



JIS PCB Methods Standard Mixtures

| Catalog No. | Compound | Amount | Price(¥) |
|----------------|---|---------------------------------------|----------|
| EC-5323-H | Modified JIS PCB Calibration Solutions [CS1H-CS5H] | Set of 5 × 0.2 mL in nonane/ isoctane | お問い合わせ |
| EC-5323-H-E | Modified JIS PCB Extended Calibration Solutions [CS0.4H-CS6H] | Set of 7 × 0.2 mL in nonane/ isoctane | お問い合わせ |
| EC-5323-CS0.4H | Modified JIS PCB Extended Calibration Solution [CS0.4H] | 0.2 mL in nonane/ isoctane | お問い合わせ |
| EC-5323-CS1H | Modified JIS PCB Extended Calibration Solution [CS1H] | 0.2 mL in nonane/ isoctane | お問い合わせ |
| EC-5323-CS2H | Modified JIS PCB Extended Calibration Solution [CS2H] | 0.2 mL in nonane/ isoctane | お問い合わせ |
| EC-5323-CS3H | Modified JIS PCB Extended Calibration Solution [CS3H] | 0.2 mL in nonane/ isoctane | お問い合わせ |
| EC-5323-CS4H | Modified JIS PCB Extended Calibration Solution [CS4H] | 0.2 mL in nonane/ isoctane | お問い合わせ |
| EC-5323-CS5H | Modified JIS PCB Extended Calibration Solution [CS5H] | 0.2 mL in nonane/ isoctane | お問い合わせ |
| EC-5323-CS6H | Modified JIS PCB Extended Calibration Solution [CS6H] | 0.2 mL in nonane/ isoctane | お問い合わせ |

All concentrations are in ng/mL (ppb)

| Unlabeled | IUPAC | CS0.4H | CS1H | CS2H | CS3H | CS4H | CS5H | CS6H |
|---|-------|--------|------|------|------|------|------|------|
| 3,4,4',5-TetraCB | 81 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| 3,3',4,4'-TetraCB | 77 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| 3,3',4,4',5-PentaCB | 126 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| 3,3',4,4',5,5'-HexaCB | 169 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| 2',3,4,4',5-PentaCB | 123 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| 2,3,4,4',5-PentaCB | 118 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| 2,3,3',4,4'-PentaCB | 105 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| 2,3,4,4',5-PentaCB | 114 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| 2,3',4,4',5,5'-HexaCB | 167 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| 2,3,3',4,4',5-HexaCB | 156 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| 2,3,3',4,4',5-HexaCB | 157 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| 2,3,3',4,4',5,5'-HeptaCB | 189 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| 2,2',3,3',4,4',5-HeptaCB | 170 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| 2,2',3,4,4',5,5'-HeptaCB | 180 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| Cleanup | | | | | | | | |
| 3,4,4',5-TetraCB (¹³ C ₁₂ , 99%) | 81 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 3,3',4,4'-TetraCB (¹³ C ₁₂ , 99%) | 77 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 3,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 126 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 3,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 169 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2',3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 123 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 118 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 2,3,3',4,4'-PentaCB (¹³ C ₁₂ , 99%) | 105 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 2,3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 114 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 167 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,3',4,4',5-HexaCB (¹³ C ₁₂ , 99%) | 156 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 2,3,3',4,4',5-HexaCB (¹³ C ₁₂ , 99%) | 157 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,3',4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 189 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2',3,3',4,4',5-HeptaCB (¹³ C ₁₂ , 99%) | 170 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2',3,4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 180 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Syringe | | | | | | | | |
| 2,3',4,4'-TetraCB (¹³ C ₁₂ , 99%) | 70 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,3',5,5'-PentaCB (¹³ C ₁₂ , 99%) | 111 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2',3,4,4',5-HexaCB (¹³ C ₁₂ , 99%) | 138 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,2',3,3',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 178 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Sampling | | | | | | | | |
| 3,3',4,5'-TetraCB (¹³ C ₁₂ , 99%) | 79 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |

| Catalog No. | Compound | Amount | Price(¥) |
|----------------|---|---------------------------------------|------------|
| EC-5360 | Modified JIS PCB Alternate A Extended Calibration Solutions [CS0.4H-CS6H] | Set of 7 × 0.2 mL in nonane/ isoctane | ¥1,015,000 |
| EC-5360-CS0.4H | Modified JIS PCB Alternate A Extended Calibration Solution [CS0.4H] | 0.2 mL in nonane/ isoctane | ¥188,200 |
| EC-5360-CS1H | Modified JIS PCB Alternate A Extended Calibration Solution [CS1H] | 0.2 mL in nonane/ isoctane | ¥188,200 |
| EC-5360-CS2H | Modified JIS PCB Alternate A Extended Calibration Solution [CS2H] | 0.2 mL in nonane/ isoctane | ¥188,200 |
| EC-5360-CS3H | Modified JIS PCB Alternate A Extended Calibration Solution [CS3H] | 0.2 mL in nonane/ isoctane | ¥179,400 |
| EC-5360-CS4H | Modified JIS PCB Alternate A Extended Calibration Solution [CS4H] | 0.2 mL in nonane/ isoctane | ¥188,200 |
| EC-5360-CS5H | Modified JIS PCB Alternate A Extended Calibration Solution [CS5H] | 0.2 mL in nonane/ isoctane | ¥188,200 |
| EC-5360-CS6H | Modified JIS PCB Alternate A Extended Calibration Solution [CS6H] | 0.2 mL in nonane/ isoctane | ¥188,200 |

All concentrations are in ng/mL (ppb)

| Unlabeled | IUPAC | CS0.4H | CS1H | CS2H | CS3H | CS4H | CS5H | CS6H |
|--|-------|--------|------|------|------|------|------|------|
| 3,4,4',5-TetraCB | 81 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| 3,3',4,4'-TetraCB | 77 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| 3,3',4,4',5-PentaCB | 126 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| 3,3',4,4',5,5'-HexaCB | 169 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| 2',3,4,4',5-PentaCB | 123 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| 2,3,4,4',5-PentaCB | 118 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| 2,3,3',4,4'-PentaCB | 105 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| 2,3,4,4',5-PentaCB | 114 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| 2,3,3',4,4',5-HexaCB | 167 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| 2,3,3',4,4',5-HexaCB | 156 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| 2,3,3',4,4',5,5'-HeptaCB | 157 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| 2,2',3,3',4,4',5-HeptaCB | 170 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| 2,2',3,4,4',5,5'-HeptaCB | 180 | 0.1 | 0.25 | 1 | 5 | 20 | 100 | 500 |
| Cleanup | | | | | | | | |
| 3,4,4',5-TetraCB (¹³ C ₁₂ , 99%) | 81 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 3,3',4,4'-TetraCB (¹³ C ₁₂ , 99%) | 77 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 3,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 126 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 3,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 169 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2',3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 123 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 118 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 2,3,3',4,4'-PentaCB (¹³ C ₁₂ , 99%) | 105 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 2,3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 114 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 2,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 167 | 10 | 10 | | | | | |

JIS PCB Methods Standard Mixtures

| Catalog No. | Compound | Amount | Price(¥) | |
|---|--------------------------------|--------------------|-------------------------|------------------------|
| EC-5324 | Modified JIS PCB Cleanup Spike | 1.2 mL in nonane | ¥170,600 | |
| Labeled | IUPAC | (ng/mL) | | |
| 3,4,4',5-TetraCB (¹³ C ₁₂ , 99%) | 81 | 50 | | |
| 3,3',4,4'-TetraCB (¹³ C ₁₂ , 99%) | 77 | 50 | | |
| 3,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 126 | 50 | | |
| 3,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 169 | 50 | | |
| 2',3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 123 | 50 | | |
| 2,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 118 | 100 | | |
| 2,3,3',4,4'-PentaCB (¹³ C ₁₂ , 99%) | 105 | 100 | | |
| 2,3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | 114 | 50 | | |
| 2,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | 167 | 50 | | |
| 2,3,3',4,4',5-HexaCB (¹³ C ₁₂ , 99%) | 156 | 100 | | |
| 2,3,3',4,4',5'-HexaCB (¹³ C ₁₂ , 99%) | 157 | 50 | | |
| 2,3,3',4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 189 | 50 | | |
| 2,2',3,3',4,4',5-HeptaCB (¹³ C ₁₂ , 99%) | 170 | 50 | | |
| 2,2',3,4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | 180 | 50 | | |
| EC-5325 | Modified JIS PCB Syringe Spike | 1.2 mL in nonane | ¥78,400 | |
| EC-5325-0.2X | Modified JIS PCB Syringe Spike | 10 mL in nonane | ¥48,800 | |
| EC-5325-20X | Modified JIS PCB Syringe Spike | 1.2 mL in nonane | ¥395,200 | |
| Labeled | IUPAC | EC-5325 (ng/mL) | EC-5325-0.2X (ng/mL) | EC-5325-20X (ng/mL) |
| 2,3',4,4',5-TetraCB (¹³ C ₁₂ , 99%) | 70 | 50 | 10 | 1000 |
| 2,3,3',5,5'-PentaCB (¹³ C ₁₂ , 99%) | 111 | 50 | 10 | 1000 |
| 2,2',3,4,4',5'-HexaCB (¹³ C ₁₂ , 99%) | 138 | 50 | 10 | 1000 |
| 2,2',3,3',5,5',6-HeptaCB (¹³ C ₁₂ , 99%) | 178 | 50 | 10 | 1000 |
| EC-5326 | Modified JIS PCB Syringe Spike | 1.2 mL in nonane | ¥29,600 | |
| NEW! EC-5326-20X | Modified JIS PCB Syringe Spike | 1.2 mL in nonane | ¥105,000 | |
| Labeled | IUPAC | EC-5326 (ng/mL) | EC-5326-20X (ng/mL) | |
| 3,3',4,5'-TetraCB (¹³ C ₁₂ , 99%) | 79 | 50 | 1000 | |



Following the unprecedented release of dioxins and furans into the environment during the Seveso, Italy, industrial accident in 1976, regulatory agencies around the world initiated strict testing programs to monitor these toxic compounds. CIL and Cerilliant collaborated with the US EPA to prepare the first isotope dilution mass spectrometry (IDMS) standard mixtures for the analysis of PCDDs and PCDFs.



Dioxin and Furan Plus PCB Standard Mixtures

| Catalog No. | Compound | Amount | Price(¥) |
|-------------|------------------------------|------------------|----------|
| EDF-5393 | Dioxin Cleanup Spike (シリーズK) | 1.2 mL in nonane | ¥207,200 |

| Labeled | IUPAC | (ng/mL) |
|---|-------|---------|
| 2,3,7,8-TetraCDD (¹³ C ₁₂ , 99%) | | 20 |
| 1,3,6,8-TetraCDD (¹³ C ₁₂ , 99%) | | 20 |
| 1,2,3,7,8-PentaCDD (¹³ C ₁₂ , 99%) | | 20 |
| 1,2,3,4,7,8-HexaCDD (¹³ C ₁₂ , 99%) | | 20 |
| 1,2,3,6,7,8-HexaCDD (¹³ C ₁₂ , 99%) | | 20 |
| 1,2,3,7,8,9-HexaCDD (¹³ C ₁₂ , 99%) | | 20 |
| 1,2,3,4,6,7,8-HeptaCDD (¹³ C ₁₂ , 99%) | | 20 |
| OctaCDD (¹³ C ₁₂ , 99%) | | 40 |
| 2,3,7,8-TetraCDF (¹³ C ₁₂ , 99%) | | 20 |
| 1,3,6,8-TetraCDF (¹³ C ₁₂ , 99%) | | 20 |
| 1,2,3,7,8-PentaCDF (¹³ C ₁₂ , 99%) | | 20 |
| 2,3,4,7,8-PentaCDF (¹³ C ₁₂ , 99%) | | 20 |
| 1,2,3,4,7,8-HexaCDF (¹³ C ₁₂ , 99%) | | 20 |
| 1,2,3,6,7,8-HexaCDF (¹³ C ₁₂ , 99%) | | 20 |
| 2,3,4,6,7,8-HexaCDF (¹³ C ₁₂ , 99%) | | 20 |
| 1,2,3,7,8,9-HexaCDF (¹³ C ₁₂ , 99%) | | 20 |
| 1,2,3,4,6,7,8-HeptaCDF (¹³ C ₁₂ , 99%) | | 20 |
| 1,2,3,4,7,8,9-HeptaCDF (¹³ C ₁₂ , 99%) | | 20 |
| OctaCDF (¹³ C ₁₂ , 99%) | | 40 |
| 3,4,4',5-TetraCB (¹³ C ₁₂ , 99%) | | 81 |
| 3,3',4,4'-TetraCB (¹³ C ₁₂ , 99%) | | 77 |
| 3,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | | 126 |
| 3,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | | 169 |
| 2',3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | | 123 |
| 2,3',4,4',5-PentaCB (¹³ C ₁₂ , 99%) | | 118 |
| 2,3,3',4,4'-PentaCB (¹³ C ₁₂ , 99%) | | 105 |
| 2,3,4,4',5-PentaCB (¹³ C ₁₂ , 99%) | | 114 |
| 2,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | | 167 |
| 2,3,3',4,4',5-HexaCB (¹³ C ₁₂ , 99%) | | 156 |
| 2,3,3',4,4',5'-HexaCB (¹³ C ₁₂ , 99%) | | 157 |
| 2,3,3',4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | | 189 |
| 2,2',3,3',4,4',5-HeptaCB (¹³ C ₁₂ , 99%) | | 170 |
| 2,2',3,4,4',5,5'-HeptaCB (¹³ C ₁₂ , 99%) | | 180 |

| | | | |
|----------|-------------------------------|------------------|---------|
| EDF-5395 | Dioxin Sampling Spike (シリーズK) | 1.2 mL in nonane | ¥78,400 |
|----------|-------------------------------|------------------|---------|

| Labeled | IUPAC | (ng/μL) |
|--|-------|---------|
| 1,2,3,4-TetraCDF (¹³ C ₁₂ , 99%) | | 50 |
| 1,2,3,4-TetraCDD (¹³ C ₁₂ , 99%) | | 50 |
| 3,3',4,5'-TetraCB (¹³ C ₁₂ , 99%) | | 79 |

JIS Methods K0311 and K0312 Dioxin/Furan Standard Mixtures

| Catalog No. | Compound | Amount | Price(¥) |
|-------------|--|------------------|----------|
| EDF-5328 | Modified JIS Dioxin/ Furan Cleanup Spike | 1.2 mL in nonane | ¥216,000 |

| Labeled | (ng/mL) |
|---|---------|
| 2,3,7,8-TetraCDD (¹³ C ₁₂ , 99%) | 50 |
| 1,3,6,8-TetraCDD (¹³ C ₁₂ , 99%) | 50 |
| 1,2,3,7,8-PentaCDD (¹³ C ₁₂ , 99%) | 50 |
| 1,2,3,4,7,8-HexaCDD (¹³ C ₁₂ , 99%) | 50 |
| 1,2,3,6,7,8-HexaCDD (¹³ C ₁₂ , 99%) | 50 |
| 1,2,3,7,8,9-HexaCDD (¹³ C ₁₂ , 99%) | 50 |
| 1,2,3,4,6,7,8-HeptaCDD (¹³ C ₁₂ , 99%) | 50 |
| OctaCDD (¹³ C ₁₂ , 99%) | 100 |
| 2,3,7,8-TetraCDF (¹³ C ₁₂ , 99%) | 50 |
| 1,3,6,8-TetraCDF (¹³ C ₁₂ , 99%) | 50 |
| 1,2,7,8-TetraCDF (¹³ C ₁₂ , 99%) | 50 |
| 1,2,3,7,8-PentaCDF (¹³ C ₁₂ , 99%) | 50 |
| 2,3,4,7,8-PentaCDF (¹³ C ₁₂ , 99%) | 50 |
| 1,2,3,4,7,8-HexaCDF (¹³ C ₁₂ , 99%) | 50 |
| 1,2,3,6,7,8-HexaCDF (¹³ C ₁₂ , 99%) | 50 |
| 2,3,4,6,7,8-HeptaCDF (¹³ C ₁₂ , 99%) | 50 |
| 1,2,3,4,7,8,9-HeptaCDF (¹³ C ₁₂ , 99%) | 50 |
| OctaCDF (¹³ C ₁₂ , 99%) | 100 |

| | | | |
|----------|---|------------------|---------|
| EDF-5329 | Modified JIS Dioxin/Furan Syringe Spike | 1.2 mL in nonane | ¥85,400 |
|----------|---|------------------|---------|

| Labeled | (ng/mL) |
|---|---------|
| 1,2,3,4-TetraCDD (¹³ C ₁₂ , 99%) | 50 |
| 1,2,3,4,7-PentaCDD (¹³ C ₁₂ , 99%) | 50 |
| 1,2,3,4,6,9-HexaCDF (¹³ C ₁₂ , 99%) | 50 |
| 1,2,3,4,6,8,9-HeptaCDF (¹³ C ₁₂ , 99%) | 50 |

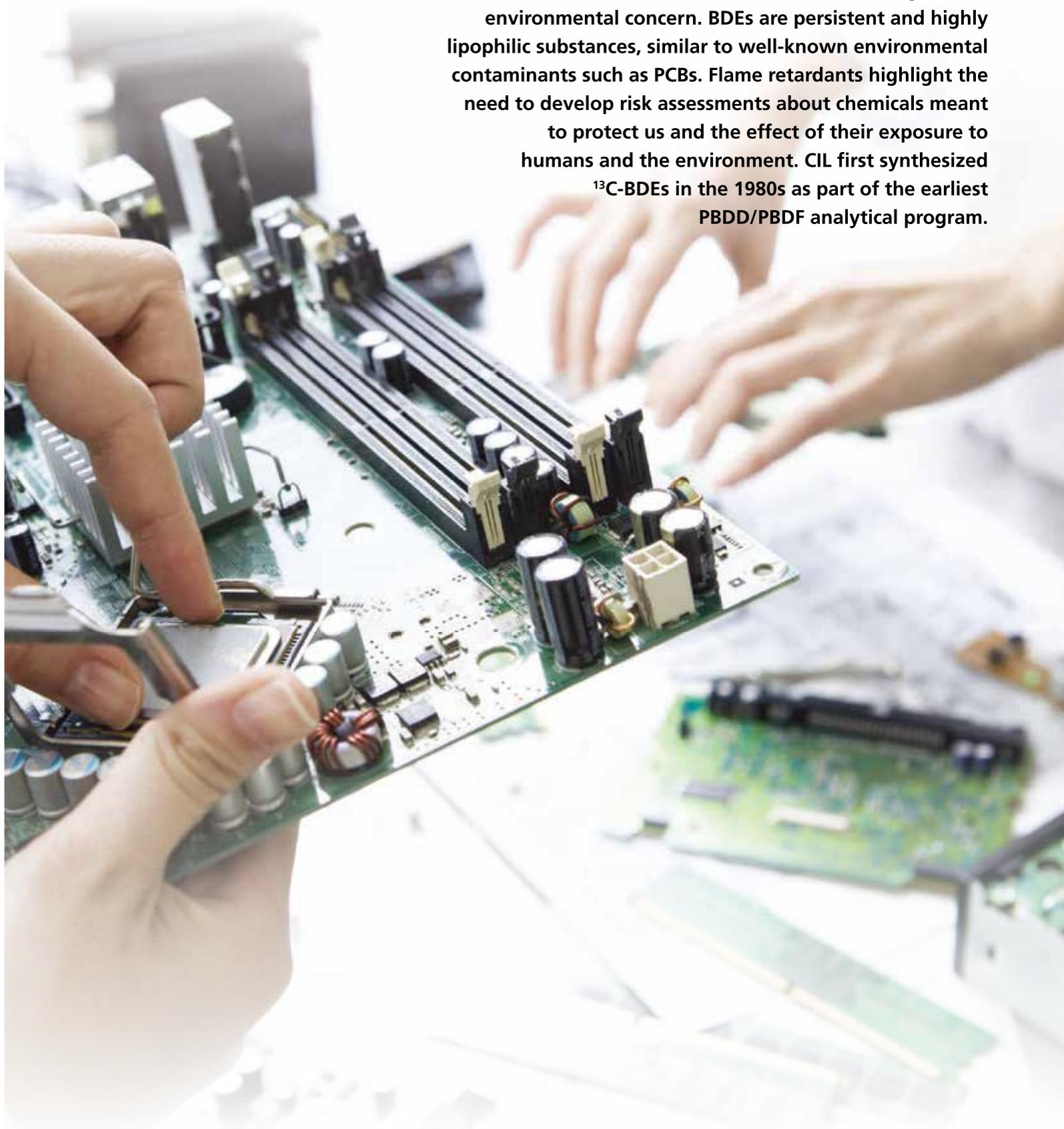


Bromodioxin/Furan Standard Mixtures

| Catalog No. | Description | Amount | | | | | Price(¥) | | | | | |
|---|--|-----------------------------|-----|------|-----|-----|----------|--|--|--|--|--|
| EDF-5407 | Bromodioxin/Furan Calibration Standard Solutions [CS1-CS5] | Set of 5 × 0.2 mL in nonane | | | | | ¥901,800 | | | | | |
| <i>Individual calibration levels are also available for purchase.</i> | | | | | | | | | | | | |
| <i>All concentrations are ng/mL</i> | | | | | | | | | | | | |
| Unlabeled | | CS1 | CS2 | CS3 | CS4 | CS5 | | | | | | |
| 2,3,7,8-TetraBDD | | 0.1 | 0.4 | 2.0 | 10 | 50 | | | | | | |
| 1,2,3,7,8-PentaBDD | | 0.2 | 0.8 | 4.0 | 20 | 100 | | | | | | |
| 1,2,3,4,7,8-HexaBDD | | 0.6 | 2.4 | 12.0 | 60 | 300 | | | | | | |
| 1,2,3,6,7,8-HexaBDD | | 0.6 | 2.4 | 12.0 | 60 | 300 | | | | | | |
| 1,2,3,7,8,9-HexaBDD | | 0.6 | 2.4 | 12.0 | 60 | 300 | | | | | | |
| 1,2,3,4,6,7,8-HeptaBDD | | 0.75 | 3.0 | 15.0 | 75 | 375 | | | | | | |
| OctaBDD | | 1.0 | 4.0 | 20.0 | 100 | 500 | | | | | | |
| 2,3,7,8-TetraBDF | | 0.2 | 0.8 | 4.0 | 20 | 100 | | | | | | |
| 2,4,6,8-TetraBDF | | 0.2 | 0.8 | 4.0 | 20 | 100 | | | | | | |
| 1,2,3,7,8-PentaBDF | | 0.4 | 1.6 | 8.0 | 40 | 200 | | | | | | |
| 2,3,4,7,8-PentaBDF | | 0.4 | 1.6 | 8.0 | 40 | 200 | | | | | | |
| 1,2,3,4,7,8-HexaBDF | | 0.6 | 2.4 | 12.0 | 60 | 300 | | | | | | |
| 1,2,3,4,6,7,8-HeptaBDF | | 0.75 | 3.0 | 15.0 | 75 | 375 | | | | | | |
| OctaBDF | | 1.0 | 4.0 | 20.0 | 100 | 500 | | | | | | |
| Labeled | | | | | | | | | | | | |
| 2,3,7,8-TetraBDD (¹³ C ₁₂ , 99%) | | 20 | 20 | 20 | 20 | 20 | | | | | | |
| 1,2,3,7,8-PentaBDD (¹³ C ₁₂ , 99%) | | 20 | 20 | 20 | 20 | 20 | | | | | | |
| 1,2,3,4,7,8-HexaBDD (¹³ C ₁₂ , 99%) | | 50 | 50 | 50 | 50 | 50 | | | | | | |
| 1,2,3,6,7,8-HexaBDD (¹³ C ₁₂ , 99%) | | 50 | 50 | 50 | 50 | 50 | | | | | | |
| 1,2,3,7,8,9-HexaBDD (¹³ C ₁₂ , 99%) | | 50 | 50 | 50 | 50 | 50 | | | | | | |
| 1,2,3,4,6,7,8-HeptaBDD (¹³ C ₁₂ , 99%) | | 100 | 100 | 100 | 100 | 100 | | | | | | |
| OctaBDD (¹³ C ₁₂ , 99%) | | 150 | 150 | 150 | 150 | 150 | | | | | | |
| 2,3,7,8-TetraBDF (¹³ C ₁₂ , 99%) | | 20 | 20 | 20 | 20 | 20 | | | | | | |
| 2,4,6,8-TetraBDF (¹³ C ₁₂ , 99%) | | 20 | 20 | 20 | 20 | 20 | | | | | | |
| 1,2,3,7,8-PentaBDF (¹³ C ₁₂ , 99%) | | 20 | 20 | 20 | 20 | 20 | | | | | | |
| 2,3,4,7,8-PentaBDF (¹³ C ₁₂ , 99%) | | 20 | 20 | 20 | 20 | 20 | | | | | | |
| 1,2,3,4,7,8-HexaBDF (¹³ C ₁₂ , 99%) | | 50 | 50 | 50 | 50 | 50 | | | | | | |
| 1,2,3,4,6,7,8-HeptaBDF (¹³ C ₁₂ , 99%) | | 100 | 100 | 100 | 100 | 100 | | | | | | |
| OctaBDF (¹³ C ₁₂ , 99%) | | 150 | 150 | 150 | 150 | 150 | | | | | | |

| Catalog No. | Description | Amount | | | | Price(¥) |
|---|---------------------------------------|----------|-------------------|---------|----------|----------|
| EDF-5408 | Bromodioxin/Furan Cleanup Spike | 0.5 mL | in nonane | | | ¥886,200 |
| EDF-5409-A | Bromodioxin/Furan Syringe Spike | 1.2 mL | in nonane:toluene | | | ¥188,200 |
| EF-5410 | Bromodioxin/Furan Sampling Spike | 1.2 mL | in nonane | | | ¥78,400 |
| EDF-5517 | Bromodioxin/Furan Native PAR Solution | 1.2 mL | in nonane | | | ¥639,000 |
| <i>All concentrations are ng/mL</i> | | | | | | |
| Unlabeled | | EDF-5408 | EDF-5409-A | EF-5410 | EDF-5517 | |
| 2,3,7,8-TetraBDD | | — | — | — | 50 | |
| 1,2,3,7,8-PentaBDD | | — | — | — | 100 | |
| 1,2,3,4,7,8-HexaBDD | | — | — | — | 300 | |
| 1,2,3,6,7,8-HexaBDD | | — | — | — | 300 | |
| 1,2,3,7,8,9-HexaBDD | | — | — | — | 300 | |
| 1,2,3,4,6,7,8-HeptaBDD | | — | — | — | 375 | |
| OctaBDD | | — | — | — | 500 | |
| 2,3,7,8-TetraBDF | | — | — | — | 100 | |
| 2,4,6,8-TetraBDF | | — | — | — | 100 | |
| 1,2,3,7,8-PentaBDF | | — | — | — | 200 | |
| 2,3,4,7,8-PentaBDF | | — | — | — | 200 | |
| 1,2,3,4,7,8-HexaBDF | | — | — | — | 300 | |
| 1,2,3,4,6,7,8-HeptaBDF | | — | — | — | 375 | |
| OctaBDF | | — | — | — | 500 | |
| Labeled | | | | | | |
| 2,3,7,8-TetraBDD (¹³ C ₁₂ , 99%) | | 100 | — | — | — | |
| 1,2,3,7,8-PentaBDD (¹³ C ₁₂ , 99%) | | 100 | — | — | — | |
| OctaBDF | | 750 | — | — | — | |
| Polymer | | | | | | |
| 2,3,7,8-TetraBDF (¹³ C ₁₂ , 99%) | | 250 | — | — | — | |
| 1,2,3,6,7,8-HexaBDF (¹³ C ₁₂ , 99%) | | 250 | — | — | — | |
| 1,2,3,7,8,9-HexaBDF (¹³ C ₁₂ , 99%) | | 500 | — | — | — | |
| OctaBDF (¹³ C ₁₂ , 99%) | | 750 | — | — | — | |
| 2,3,7,8-TetraBDF (¹³ C ₁₂ , 99%) | | 100 | — | — | — | |
| 2,3,4,7,8-PentaBDF (¹³ C ₁₂ , 99%) | | 100 | — | — | — | |
| 1,2,3,4,7,8-HexaBDF (¹³ C ₁₂ , 99%) | | 250 | — | — | — | |
| 1,2,3,4,6,7,8-HeptaBDF (¹³ C ₁₂ , 99%) | | 500 | — | — | — | |
| OctaBDF (¹³ C ₁₂ , 99%) | | 750 | — | — | — | |
| Sampling | | | | | | |
| 2,4,6,8-TetraBDF (¹³ C ₁₂ , 99%) | | — | — | 200 | — | |
| Syringe | | | | | | |
| 1,2,3,7,8,9-HexaBDF (¹³ C ₁₂ , 99%) | | — | 500 | — | — | |
| 1,2,3,7,8-PentaBDF (¹³ C ₁₂ , 99%) | | — | 200 | — | — | |

Generally used as flame retardants, brominated diphenyl ethers (BDEs) have become chemicals of significant environmental concern. BDEs are persistent and highly lipophilic substances, similar to well-known environmental contaminants such as PCBs. Flame retardants highlight the need to develop risk assessments about chemicals meant to protect us and the effect of their exposure to humans and the environment. CIL first synthesized ^{13}C -BDEs in the 1980s as part of the earliest PBDD/PBDF analytical program.



RoHS Brominated Diphenyl Ether (BDE) Standard Mixtures

| Catalog No. | Compound | Amount | Price(¥) |
|-------------|-----------------------------------|------------------|----------|
| EO-5426 | RoHS Screening PBDE Cleanup Spike | 1.2 mL in nonane | ¥344,800 |

| Labeled | BDE | (ng/mL) |
|--|-----|---------|
| 4,4'-DiBDE (¹³ C ₁₂ , 99%) | 15 | 1000 |
| 2,4,4'-TriBDE (¹³ C ₁₂ , 99%) | 28 | 1000 |
| 2,2',4,4'-TetraBDE (¹³ C ₁₂ , 99%) | 47 | 1000 |
| 2,2',4,4',5-PentaBDE (¹³ C ₁₂ , 99%) | 99 | 1000 |
| 2,2',4,4',5,5'-HexaBDE (¹³ C ₁₂ , 99%) | 153 | 1000 |
| 2,2',4,4',5,6'-HexaBDE (¹³ C ₁₂ , 99%) | 154 | 1000 |
| 2,2',3,4,4',5,6-HeptaBDE (¹³ C ₁₂ , 99%) | 183 | 1000 |
| 2,2',3,3',4,4',6,6'-OctaBDE (¹³ C ₁₂ , 99%) | 197 | 2500 |
| 2,2',3,3',4,4',5,5'-NonaBDE (¹³ C ₁₂ , 99%) | 206 | 5000 |
| 2,2',3,3',4,5,5',6,6'-NonaBDE (¹³ C ₁₂ , 99%) | 208 | 2500 |
| DecaBDE (¹³ C ₁₂ , 99%) | 209 | 25,000 |

| | | | |
|---------|--------------------------------------|------------------|---------|
| EO-5428 | RoHS Screening PBDE Native PAR Spike | 1.2 mL in nonane | ¥67,600 |
|---------|--------------------------------------|------------------|---------|

| Unlabeled | BDE | (ng/mL) |
|-------------------------------|-----|---------|
| 4,4'-DiBDE | 15 | 1000 |
| 2,4,4'-TriBDE | 28 | 1000 |
| 2,2',4,4'-TetraBDE | 47 | 1000 |
| 2,2',4,4',5-PentaBDE | 99 | 1000 |
| 2,2',4,4',5,5'-HexaBDE | 153 | 1000 |
| 2,2',4,4',5,6'-HexaBDE | 154 | 1000 |
| 2,2',3,4,4',5,6-HeptaBDE | 183 | 1000 |
| 2,2',3,3',4,4',6,6'-OctaBDE | 197 | 2500 |
| 2,2',3,3',4,4',5,5'-NonaBDE | 206 | 5000 |
| 2,2',3,3',4,4',5,6,6'-NonaBDE | 207 | 2500 |
| 2,2',3,3',4,5,5',6,6'-NonaBDE | 208 | 2500 |
| DecaBDE | 209 | 25,000 |

Essential to agricultural productivity and general pest control, many pesticides have been found to be toxic to humans and animals, and as such have been banned from use in numerous countries. The Stockholm Convention has focused worldwide attention on analysis of the most toxic pesticides. CIL promotes the development of new isotope-labeled legacy and "new use" pesticides to support laboratories using IDMS for the most accurate analytical results.





Pesticide Standard Mixtures

| Catalog No. | Compound | Amount | | | | | | Price(¥) | | | | | | |
|--|---|-----------------------------|-----|-----|-----|-----|-----|----------|--|--|--|--|--|--|
| ES-5348 | POPs Pesticides Calibration Solutions [CS1-CS6] | Set of 6 × 0.2 mL in nonane | | | | | | ¥904,000 | | | | | | |
| <i>Individual calibration solutions are available. Please inquire.</i> | | | | | | | | | | | | | | |
| <i>All concentrations are in ng/mL (ppb)</i> | | | | | | | | | | | | | | |
| Unlabeled | | CS1 | CS2 | CS3 | CS4 | CS5 | CS6 | | | | | | | |
| Hexachlorobenzene | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| Aldrin | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| Dieldrin | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| Endrin | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| 4,4'-DDT | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| 4,4'-DDE | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| 4,4'-DDD | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| 2,4'-DDT | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| 2,4'-DDE | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| 2,4'-DDD | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| <i>trans</i> -Chlordane (γ) | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| <i>cis</i> -Chlordane (α) | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| <i>trans</i> -Nonachlor | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| <i>cis</i> -Nonachlor | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| Oxychlordane | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| Heptachlor | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| <i>trans</i> -Heptachlor epoxide | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| <i>cis</i> -Heptachlor epoxide | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| Mirex | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| α -HCH (α -BHC) | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| β -HCH (β -BHC) | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| γ -HCH (γ -BHC) (lindane) | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| δ -HCH (δ -BHC) | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| Cleanup | | | | | | | | | | | | | | |
| Hexachlorobenzene ($^{13}\text{C}_6$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| Aldrin ($^{13}\text{C}_{12}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| Dieldrin ($^{13}\text{C}_{12}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| Endrin ($^{13}\text{C}_{12}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| 4,4'-DDT (ring- $^{13}\text{C}_{12}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| 4,4'-DDE (ring- $^{13}\text{C}_{12}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| 4,4'-DDD (ring- $^{13}\text{C}_{12}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| 2,4'-DDT (ring- $^{13}\text{C}_{12}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| 2,4'-DDE (ring- $^{13}\text{C}_{12}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| 2,4'-DDD (ring- $^{13}\text{C}_{12}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| <i>trans</i> -Chlordane (γ) ($^{13}\text{C}_{10}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| <i>trans</i> -Nonachlor ($^{13}\text{C}_{10}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| <i>cis</i> -Nonachlor ($^{13}\text{C}_{10}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| Oxychlordane ($^{13}\text{C}_{10}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| Heptachlor ($^{13}\text{C}_{10}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| <i>cis</i> -Heptachlor epoxide ($^{13}\text{C}_{10}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| Mirex ($^{13}\text{C}_{10}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| α -HCH (α -BHC) ($^{13}\text{C}_6$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| β -HCH (β -BHC) ($^{13}\text{C}_6$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| γ -HCH (γ -BHC) (lindane) ($^{13}\text{C}_6$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| δ -HCH (δ -BHC) ($^{13}\text{C}_6$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| Syringe | | | | | | | | | | | | | | |
| 4,4'-DiCB ($^{13}\text{C}_{12}$, 99%) (PCB-15) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| 2,3',4',5-TetraCB ($^{13}\text{C}_{12}$, 99%) (PCB-70) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |

| Catalog No. | Compound | Amount | | | | | | Price(¥) |
|---|------------------------------------|------------------|-----------------|-----------|--|--|--|----------|
| ES-5349 | POPs Pesticides HRMS Cleanup Spike | 1.2 mL in nonane | | | | | | ¥289,800 |
| ES-5400 | POPs Cleanup Spike | 1.2 mL in nonane | | | | | | ¥359,800 |
| ES-5349-L | POPs Pesticides LRMS Cleanup Spike | 0.5 mL in nonane | | | | | | ¥751,400 |
| Labeled | | ES-5349 | ES-5400 | ES-5349-L | | | | |
| Hexachlorobenzene ($^{13}\text{C}_6$, 99%) | | 100 | 200 | 1000 | | | | |
| Aldrin ($^{13}\text{C}_{12}$, 99%) | | 100 | 200 | 1000 | | | | |
| Dieldrin ($^{13}\text{C}_{12}$, 99%) | | 100 | 200 | 1000 | | | | |
| Endrin ($^{13}\text{C}_{12}$, 99%) | | 100 | 200 | 1000 | | | | |
| 4,4'-DDT (ring- $^{13}\text{C}_{12}$, 99%) | | 100 | 200 | 1000 | | | | |
| 4,4'-DDE (ring- $^{13}\text{C}_{12}$, 99%) | | 100 | 200 | 1000 | | | | |
| 4,4'-DDD (ring- $^{13}\text{C}_{12}$, 99%) | | 100 | 200 | 1000 | | | | |
| 2,4'-DDT (ring- $^{13}\text{C}_{12}$, 99%) | | 100 | 200 | 1000 | | | | |
| 2,4'-DDE (ring- $^{13}\text{C}_{12}$, 99%) | | 100 | 200 | 1000 | | | | |
| 2,4'-DDD (ring- $^{13}\text{C}_{12}$, 99%) | | 100 | 200 | 1000 | | | | |
| <i>trans</i> -Chlordane (γ) ($^{13}\text{C}_{10}$, 99%) | | 100 | 200 | 1000 | | | | |
| <i>trans</i> -Nonachlor ($^{13}\text{C}_{10}$, 99%) | | 100 | 200 | 1000 | | | | |
| <i>cis</i> -Nonachlor ($^{13}\text{C}_{10}$, 99%) | | 100 | 200 | 1000 | | | | |
| Oxychlordane ($^{13}\text{C}_{10}$, 99%) | | 100 | 200 | 1000 | | | | |
| Heptachlor ($^{13}\text{C}_{10}$, 99%) | | 100 | 200 | 1000 | | | | |
| <i>cis</i> -Heptachlor epoxide ($^{13}\text{C}_{10}$, 99%) | | 100 | 200 | 1000 | | | | |
| Mirex ($^{13}\text{C}_{10}$, 99%) | | 100 | 200 | 1000 | | | | |
| α -HCH (α -BHC) ($^{13}\text{C}_6$, 99%) | | 100 | 200 | 1000 | | | | |
| β -HCH (β -BHC) ($^{13}\text{C}_6$, 99%) | | 100 | 200 | 1000 | | | | |
| γ -HCH (γ -BHC) (lindane) ($^{13}\text{C}_6$, 99%) | | 100 | 200 | 1000 | | | | |
| δ -HCH (δ -BHC) ($^{13}\text{C}_6$, 99%) | | 100 | 200 | 1000 | | | | |
| Unlabeled | | ES-5399 | ES-5399-10X-0.5 | | | | | |
| Hexachlorobenzene | | 200 | 2000 | | | | | |
| Aldrin | | 200 | 2000 | | | | | |
| Dieldrin | | 200 | 2000 | | | | | |
| Endrin | | 200 | 2000 | | | | | |
| 4,4'-DDT | | 200 | 2000 | | | | | |
| 4,4'-DDE | | 200 | 2000 | | | | | |
| 4,4'-DDD | | 200 | 2000 | | | | | |
| 2,4'-DDT | | 200 | 2000 | | | | | |
| 2,4'-DDE | | 200 | 2000 | | | | | |
| 2,4'-DDD | | 200 | 2000 | | | | | |
| <i>trans</i> -Chlordane (γ) | | 200 | 2000 | | | | | |
| <i>cis</i> -Chlordane (α) | | 200 | 2000 | | | | | </td |



Cambridge Isotope Laboratories, Inc.

| Catalog No. | Compound | Amount | Price(¥) |
|-----------------------|--|------------------|----------|
| EC-5350 | POPs Pesticides HRMS (PCB) Syringe Spike | 1.2 mL in nonane | ¥75,600 |
| NEW! EC-5350-L | POPs Pesticides HRMS (PCB) Syringe Spike | 1.2 mL in nonane | ¥310,400 |

| Labeled | EC-5350 (ng/mL) | EC-5350-L (ng/mL) |
|---|--------------------|----------------------|
| 4,4'-DiCB (¹³ C ₁₂ , 99%) (PCB-15) | 100 | 1000 |
| 2,3',4',5-TetraCB (¹³ C ₁₂ , 99%) (PCB-70) | 100 | 1000 |

| | | | |
|---------|--|------------------|---------|
| ES-5342 | POPs Pesticides, non-Toxaphene, non-HCH HRMS Cleanup Spike | 1.2 mL in nonane | ¥87,200 |
|---------|--|------------------|---------|

| Labeled | (ng/mL) |
|---|---------|
| Hexachlorobenzene (¹³ C ₆ , 99%) | 10 |
| Aldrin (¹³ C ₁₂ , 99%) | 100 |
| Dieldrin (¹³ C ₁₂ , 99%) | 20 |
| Endrin (¹³ C ₁₂ , 99%) | 100 |
| 4,4'-DDT (ring- ¹³ C ₁₂ , 99%) | 100 |
| 4,4'-DDE (ring- ¹³ C ₁₂ , 99%) | 20 |
| 4,4'-DDD (ring- ¹³ C ₁₂ , 99%) | 100 |
| 2,4'-DDT (ring- ¹³ C ₁₂ , 99%) | 100 |
| 2,4'-DDE (ring- ¹³ C ₁₂ , 99%) | 20 |
| 2,4'-DDD (ring- ¹³ C ₁₂ , 99%) | 100 |
| trans-Chlordane (γ) (¹³ C ₁₀ , 99%) | 10 |
| trans-Nonachlor (¹³ C ₁₀ , 99%) | 10 |
| cis-Nonachlor (¹³ C ₁₀ , 99%) | 10 |
| Oxychlordane (¹³ C ₁₀ , 99%) | 100 |
| Heptachlor (¹³ C ₁₀ , 99%) | 20 |
| cis-Heptachlor epoxide (¹³ C ₁₀ , 99%) | 20 |
| Mirex (¹³ C ₁₀ , 99%) | 20 |

| | | | |
|-----------------|-----------------------------|------------------|----------|
| ES-5344-50X-0.5 | POPs HRMS HCH Cleanup Spike | 0.5 mL in nonane | ¥460,000 |
|-----------------|-----------------------------|------------------|----------|

| Labeled | (ng/mL) |
|--|---------|
| α -HCH (α -BHC) (¹³ C ₆ , 99%) | 1000 |
| β -HCH (β -BHC) (¹³ C ₆ , 99%) | 1000 |
| γ -HCH (γ -BHC) (lindane) (¹³ C ₆ , 99%) | 1000 |
| δ -HCH (δ -BHC) (¹³ C ₆ , 99%) | 1000 |



Stockholm Convention POPs Pesticide Standard Mixtures

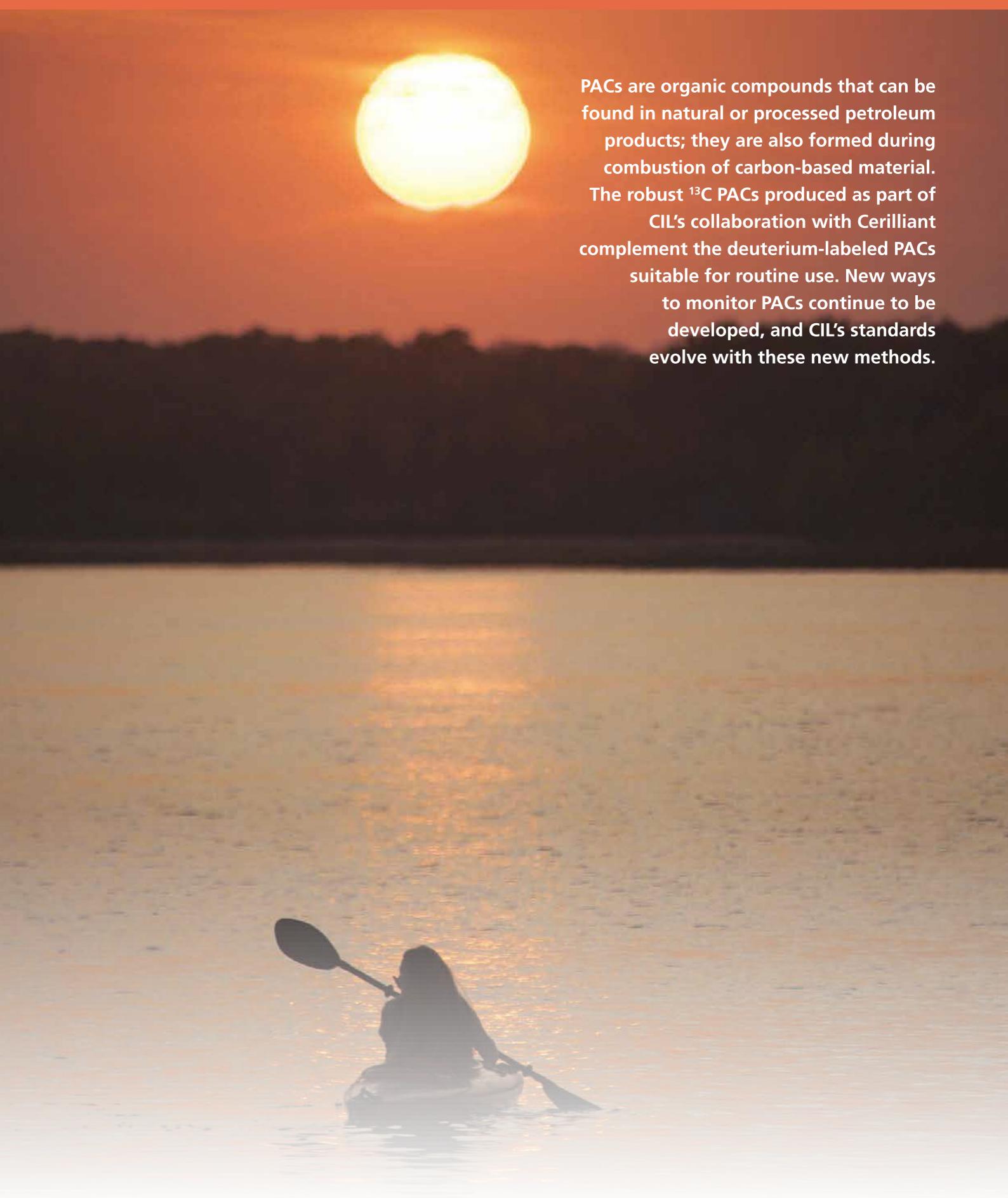
| Catalog No. | Compound | Amount | | | | | | Price(¥) | | | | | | |
|--|--|-----------------------------|-----|-----|-----|-----|-----|----------|--|--|--|--|--|--|
| ES-5464 | Expanded POPs Pesticides Calibration Solutions [CS1-CS6] | Set of 6 x 0.2 mL in nonane | | | | | | ¥989,200 | | | | | | |
| <i>Individual calibration solutions are available. Please inquire.</i> | | | | | | | | | | | | | | |
| <i>All concentrations are in ng/mL (ppb)</i> | | | | | | | | | | | | | | |
| Unlabeled | | CS1 | CS2 | CS3 | CS4 | CS5 | CS6 | | | | | | | |
| Hexachlorobenzene | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| Pentachlorobenzene | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| Aldrin | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| Dieldrin | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| Endrin | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| 4,4'-DDT | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| 4,4'-DDE | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| 4,4'-DDD | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| 2,4'-DDT | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| 2,4'-DDE | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| 2,4'-DDD | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| trans-Chlordane (γ) | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| cis-Chlordane (α) | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| trans-Nonachlor | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| cis-Nonachlor | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| Oxychlordane | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| Heptachlor | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| trans-Heptachlor epoxide | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| cis-Heptachlor epoxide | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| Mirex | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| Kepone (chlordecone) | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| α -HCH (α -BHC) | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| β -HCH (β -BHC) | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| γ -HCH (γ -BHC) (lindane) | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| δ -HCH (δ -BHC) | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| Endosulfan I | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| Endosulfan II | | 0.4 | 2 | 10 | 40 | 200 | 800 | | | | | | | |
| Labeled | | | | | | | | | | | | | | |
| Hexachlorobenzene ($^{13}\text{C}_6$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| Pentachlorobenzene ($^{13}\text{C}_6$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| Aldrin ($^{13}\text{C}_{12}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| Endrin ($^{13}\text{C}_{12}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| Dieldrin ($^{13}\text{C}_{12}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| 4,4'-DDT (ring- $^{13}\text{C}_{12}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| 4,4'-DDE (ring- $^{13}\text{C}_{12}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| 4,4'-DDD (ring- $^{13}\text{C}_{12}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| 2,4'-DDT (ring- $^{13}\text{C}_{12}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| 2,4'-DDE (ring- $^{13}\text{C}_{12}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| 2,4'-DDD (ring- $^{13}\text{C}_{12}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| trans-Chlordane (γ) ($^{13}\text{C}_{10}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| trans-Nonachlor ($^{13}\text{C}_{10}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| cis-Nonachlor ($^{13}\text{C}_{10}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| Oxychlordane ($^{13}\text{C}_{10}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| Heptachlor ($^{13}\text{C}_{10}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| cis-Heptachlor epoxide ($^{13}\text{C}_{10}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| Mirex ($^{13}\text{C}_{10}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| Kepone (chlordecone) ($^{13}\text{C}_{10}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| α -HCH (α -BHC) ($^{13}\text{C}_6$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| β -HCH (β -BHC) ($^{13}\text{C}_6$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| γ -HCH (γ -BHC) (lindane) ($^{13}\text{C}_6$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| δ -HCH (δ -BHC) ($^{13}\text{C}_6$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| Endosulfan I ($^{13}\text{C}_9$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| Endosulfan II ($^{13}\text{C}_9$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| Syringe | | | | | | | | | | | | | | |
| 4,4'-DiCB ($^{13}\text{C}_{12}$, 99%) (PCB-15) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| 2,3',4',5-TetraCB ($^{13}\text{C}_{12}$, 99%) (PCB-70) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |
| Sampling | | | | | | | | | | | | | | |
| Isodrin ($^{13}\text{C}_{12}$, 99%) | | 20 | 20 | 20 | 20 | 20 | 20 | | | | | | | |

| Catalog No. | Compound | Amount | | | | Price(¥) |
|--|---|----------------------|-------------------------|--------------------|-----------------------|----------|
| | | ES-5465-A | ES-5465-A-5X | ES-5465 | ES-5465-5X | |
| ES-5465-A | Expanded POPs Pesticides Cleanup Spike with Endosulfan Sulfate | 1.2 mL in nonane | | | | ¥383,800 |
| ES-5465-A-5X | Expanded POPs Pesticides Cleanup Spike with Endosulfan Sulfate (5X stock) | 1.2 mL in nonane | | | | ¥943,200 |
| ES-5465 | Expanded POPs Pesticides Cleanup Spike | 1.2 mL in nonane | | | | ¥383,800 |
| ES-5465-5X | Expanded POPs Pesticides Cleanup Spike (5X stock) | 1.2 mL in nonane | | | | ¥943,200 |
| Labeled | | ES-5465-A (ng/mL) | ES-5465-A-5X (ng/mL) | ES-5465 (ng/mL) | ES-5465-5X (ng/mL) | |
| Hexachlorobenzene ($^{13}\text{C}_6$, 99%) | | 100 | 500 | 100 | 500 | |
| Pentachlorobenzene ($^{13}\text{C}_6$, 99%) | | 100 | 500 | 100 | 500 | |
| Aldrin ($^{13}\text{C}_{12}$, 99%) | | 100 | 500 | 100 | 500 | |
| Endrin ($^{13}\text{C}_{12}$, 99%) | | 100 | 500 | 100 | 500 | |
| Dieldrin ($^{13}\text{C}_{12}$, 99%) | | 100 | 500 | 100 | 500 | |
| 4,4'-DDT (ring- $^{13}\text{C}_{12}$, 99%) | | 100 | 500 | 100 | 500 | |
| 4,4'-DDE (ring- $^{13}\text{C}_{12}$, 99%) | | 100 | 500 | 100 | 500 | |
| 4,4'-DDD (ring- $^{13}\text{C}_{12}$, 99%) | | 100 | 500 | 100 | 500 | |
| 2,4'-DDT (ring- $^{13}\text{C}_{12}$, 99%) | | 100 | 500 | 100 | 500 | |
| 2,4'-DDE (ring- $^{13}\text{C}_{12}$, 99%) | | 100 | 500 | 100 | 500 | |
| 2,4'-DDD (ring- $^{13}\text{C}_{12}$, 99%) | | 100 | 500 | 100 | 500 | |
| trans-Chlordane (γ) ($^{13}\text{C}_{10}$, 99%) | | 100 | 500 | 100 | 500 | |
| trans-Nonachlor ($^{13}\text{C}_{10}$, 99%) | | 100 | 500 | 100 | 500 | |
| cis-Nonachlor ($^{13}\text{C}_{10}$, 99%) | | 100 | 500 | 100 | 500 | |
| Oxychlordane ($^{13}\text{C}_{10}$, 99%) | | 100 | 500 | 100 | 500 | |
| Heptachlor ($^{13}\text{C}_{10}$, 99%) | | 100 | 500 | 100 | 500 | |
| cis-Heptachlor epoxide ($^{13}\text{C}_{10}$, 99%) | | 100 | 500 | 100 | 500 | |
| Mirex ($^{13}\text{C}_{10}$, 99%) | | 100 | 500 | 100 | 500 | |
| Kepone (chlordecone) ($^{13}\text{C}_{10}$, 99%) | | 100 | 500 | 100 | 500 | |
| α -HCH (α -BHC) ($^{13}\text{C}_6$, 99%) | | 100 | 500 | 100 | 500 | |
| β -HCH (β -BHC) ($^{13}\text{C}_6$, 99%) | | 100 | 500 | 100 | 50 | |



| Catalog No. | Compound | Amount | Price(¥) |
|--|---|------------------------------|----------------------------|
| ES-5467-A | Expanded POPs Pesticides PAR Solution with Endosulfan Sulfate | 1.2 mL in nonane | ¥174,200 |
| ES-5467 | Expanded POPs Pesticides PAR Solution | 1.2 mL in nonane | ¥174,200 |
| | | | |
| Unlabeled | | ES-5467-A (ng/mL) | ES-5467 (ng/mL) |
| Hexachlorobenzene | | 1000 | 1000 |
| Pentachlorobenzene | | 1000 | 1000 |
| Aldrin | | 1000 | 1000 |
| Dieldrin | | 1000 | 1000 |
| Endrin | | 1000 | 1000 |
| 4,4'-DDT | | 1000 | 1000 |
| 4,4'-DDE | | 1000 | 1000 |
| 4,4'-DDD | | 1000 | 1000 |
| 2,4'-DDT | | 1000 | 1000 |
| 2,4'-DDE | | 1000 | 1000 |
| 2,4'-DDD | | 1000 | 1000 |
| <i>trans</i> -Chlordane (γ) | | 1000 | 1000 |
| <i>cis</i> -Chlordane (α) | | 1000 | 1000 |
| <i>trans</i> -Nonachlor | | 1000 | 1000 |
| <i>cis</i> -Nonachlor | | 1000 | 1000 |
| Oxychlordane | | 1000 | 1000 |
| Heptachlor | | 1000 | 1000 |
| <i>trans</i> -Heptachlor epoxide | | 1000 | 1000 |
| <i>cis</i> -Heptachlor epoxide | | 1000 | 1000 |
| Mirex | | 1000 | 1000 |
| Kepone (chlordecone) | | 1000 | 1000 |
| α -HCH (α -BHC) | | 1000 | 1000 |
| β -HCH (β -BHC) | | 1000 | 1000 |
| γ -HCH (γ -BHC) (lindane) | | 1000 | 1000 |
| δ -HCH (δ -BHC) | | 1000 | 1000 |
| Endosulfan I | | 1000 | 1000 |
| Endosulfan II | | 1000 | 1000 |
| Endosulfan sulfate | | 1000 | — |

PACs are organic compounds that can be found in natural or processed petroleum products; they are also formed during combustion of carbon-based material. The robust ^{13}C PACs produced as part of CIL's collaboration with Cerilliant complement the deuterium-labeled PACs suitable for routine use. New ways to monitor PACs continue to be developed, and CIL's standards evolve with these new methods.





Hydroxy Polycyclic Aromatic Hydrocarbon (PAH) Standard Mixtures

| Catalog No. | Compound | Amount | | Price(¥) |
|--------------|---|------------------------|--|------------|
| ES-5472 | CDC OH-PAH Calibration Standards [CS1-CS10] | 10 x 0.5 mL in toluene | | ¥1,106,600 |
| ES-5472-CS1 | CDC OH-PAH Calibration Standard [CS1] | 0.5 mL in toluene | | ¥145,600 |
| ES-5472-CS2 | CDC OH-PAH Calibration Standard [CS2] | 0.5 mL in toluene | | ¥145,600 |
| ES-5472-CS3 | CDC OH-PAH Calibration Standard [CS3] | 0.5 mL in toluene | | ¥145,600 |
| ES-5472-CS4 | CDC OH-PAH Calibration Standard [CS4] | 0.5 mL in toluene | | ¥145,600 |
| ES-5472-CS5 | CDC OH-PAH Calibration Standard [CS5] | 0.5 mL in toluene | | ¥127,600 |
| ES-5472-CS6 | CDC OH-PAH Calibration Standard [CS6] | 0.5 mL in toluene | | ¥127,600 |
| ES-5472-CS7 | CDC OH-PAH Calibration Standard [CS7] | 0.5 mL in toluene | | ¥145,600 |
| ES-5472-CS8 | CDC OH-PAH Calibration Standard [CS8] | 0.5 mL in toluene | | ¥145,600 |
| ES-5472-CS9 | CDC OH-PAH Calibration Standard [CS9] | 0.5 mL in toluene | | ¥145,600 |
| ES-5472-CS10 | CDC OH-PAH Calibration Standard [CS10] | 0.5 mL in toluene | | ¥145,600 |

All concentrations are in ng/mL

| Unlabeled | IUPAC | CS1 | CS2 | CS3 | CS4 | CS5 | CS6 | CS7 | CS8 | CS9 | CS10 |
|-----------------------|-------|-----|-----|-----|-----|-----|-----|------|------|------|--------|
| 1-Hydroxynaphthalene | | 4 | 8 | 20 | 40 | 200 | 400 | 2000 | 4000 | 8000 | 16,000 |
| 2-Hydroxynaphthalene | | 4 | 8 | 20 | 40 | 200 | 400 | 2000 | 4000 | 8000 | 16,000 |
| 2-Hydroxyfluorene | | 1 | 2 | 5 | 10 | 50 | 100 | 500 | 1000 | — | — |
| 3-Hydroxyfluorene | | 1 | 2 | 5 | 10 | 50 | 100 | 500 | 1000 | — | — |
| 9-Hydroxyfluorene | | 1 | 2 | 5 | 10 | 50 | 100 | 500 | 1000 | — | — |
| 1-Hydroxyphenanthrene | | 1 | 2 | 5 | 10 | 50 | 100 | 500 | 1000 | — | — |
| 2-Hydroxyphenanthrene | | 1 | 2 | 5 | 10 | 50 | 100 | 500 | 1000 | — | — |
| 3-Hydroxyphenanthrene | | 1 | 2 | 5 | 10 | 50 | 100 | 500 | 1000 | — | — |
| 4-Hydroxyphenanthrene | | 1 | 2 | 5 | 10 | 50 | 100 | 500 | 1000 | — | — |
| 1-Hydroxypyrene | | 1 | 2 | 5 | 10 | 50 | 100 | 500 | 1000 | — | — |

| Labeled | | CS1 | CS2 | CS3 | CS4 | CS5 | CS6 | CS7 | CS8 | CS9 | CS10 |
|--|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 1-Hydroxynaphthalene (¹³ C ₆ , 99%) | | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |
| 2-Hydroxynaphthalene (¹³ C ₆ , 99%) | | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |
| 2-Hydroxyfluorene (random- ¹³ C ₆ , 99%) | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 3-Hydroxyfluorene (¹³ C ₆ , 98%) | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 9-Hydroxyfluorene (¹³ C ₆ , 99%) | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1-Hydroxyphenanthrene (¹³ C ₄ , 99%) | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 2-Hydroxyphenanthrene (¹³ C ₆ , 99%) | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 3-Hydroxyphenanthrene (¹³ C ₆ , 99%) | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 4-Hydroxyphenanthrene (¹³ C ₄ , 99%) | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1-Hydroxypyrene (¹³ C ₆ , 99%) | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 2,4,4'-TriCB (¹³ C ₁₂ , 99%) | | 28 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 2,3,3',4,4'-PentaCB (¹³ C ₁₂ , 99%) | | 105 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 2,2',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | | 153 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 2,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | | 167 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

| Catalog No. | Compound | Amount | | Price(¥) |
|--|---------------------------------------|-------------------|--|----------|
| NEW! ES-5473-T | CDC OH-PAH Spiking Standard | 0.5 mL in toluene | | ¥504,200 |
| Labeled | | (ng/mL) | | |
| 1-Hydroxynaphthalene (¹³ C ₆ , 99%) | | 10,000 | | |
| 2-Hydroxynaphthalene (¹³ C ₆ , 99%) | | 10,000 | | |
| 2-Hydroxyfluorene (random- ¹³ C ₆ , 99%) | | 2500 | | |
| 3-Hydroxyfluorene (¹³ C ₆ , 98%) | | 2500 | | |
| 9-Hydroxyfluorene (¹³ C ₆ , 99%) | | 2500 | | |
| 1-Hydroxyphenanthrene (¹³ C ₄ , 99%) | | 2500 | | |
| 2-Hydroxyphenanthrene (¹³ C ₆ , 99%) | | 2500 | | |
| 3-Hydroxyphenanthrene (¹³ C ₆ , 99%) | | 2500 | | |
| 4-Hydroxyphenanthrene (¹³ C ₄ , 99%) | | 2500 | | |
| 1-Hydroxypyrene (¹³ C ₆ , 99%) | | 2500 | | |
| NEW! ES-5474 | CDC PCB Recovery Standard for OH-PAHs | 1.0 mL in toluene | | ¥57,600 |

| Catalog No. | Compound | IUPAC | (ng/mL) |
|--|--------------------------------|-------|---------|
| Labeled | | | |
| 2,4,4'-TriCB (¹³ C ₁₂ , 99%) | | 28 | 200 |
| 2,3,3',4,4'-PentaCB (¹³ C ₁₂ , 99%) | | 105 | 200 |
| 2,2',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | | 153 | 200 |
| 2,3',4,4',5,5'-HexaCB (¹³ C ₁₂ , 99%) | | 167 | 200 |
| NEW! ES-5484 | CDC OH-PAH Native PAR Standard | | |

| Unlabeled | | (ng/mL) |
|-----------------------|--|---------|
| 1-Hydroxynaphthalene | | 4000 |
| 2-Hydroxynaphthalene | | 4000 |
| 2-Hydroxyfluorene | | 1000 |
| 3-Hydroxyfluorene | | 1000 |
| 9-Hydroxyfluorene | | 1000 |
| 1-Hydroxyphenanthrene | | 1000 |
| 2-Hydroxyphenanthrene | | 1000 |
| 3-Hydroxyphenanthrene | | 1000 |
| 4-Hydroxyphenanthrene | | 1000 |
| 1-Hydroxypyrene | | 1000 |

III. ENVIRONMENTAL STANDARDS

| | |
|---|------|
| JECS (Japan Environment and Children's Study) Products | P111 |
| Phthalate and Phthalate Metabolite Standards | P112 |
| PCB Standards and Standard Mixtures & Priority Pollutant Standard Mixtures | P114 |
| Perfluorinated Compound Standards | P116 |
| Flame-Retardant Standards and Standard Mixtures & PCB Standards and Standard Mixtures | P118 |
| Flame-Retardant Standards and Standard Mixtures | P120 |
| Priority Pollutant, Endocrine Disruptor, and Chemical Contaminant Standards | P123 |
| Priority Pollutant, Endocrine Disruptor, and Chemical Contaminant Standards & Flame-Retardant Standards and Standard Mixtures | P128 |
| Polycyclic Aromatic Compound (PAC) Standards and Standard Mixtures | P137 |
| Pesticide and Chemical Weapon Standards | P145 |
| Cyanotoxins | P156 |

JECS (Japan Environment and Children's Study) Products

| Catalog No. | Compound | Description | Amount | Price (¥) | Formula |
|----------------|--|---|------------|-----------|---------|
| ES-5633 | JECS PHTHALATE/PHTHALATE REPLACEMENT | METABOLITES NATIVE MIX | 1.2 ML | ¥212,000 | NA |
| ES-5633-5X | JECS PHTHALATE/PHTHALATE REPLACEMENT | METABOLITES NATIVE MIX STOCK | 1.2 ML | ¥864,600 | NA |
| ES-5535 | JECS LABELED MIXTURE SOLUTION | IN WATER (ULTRAPURE) | 1.2 ML | ¥133,000 | NA |
| ES-5536 | JECS NATIVE MIXTURE SOLUTION | 500 NG/ML IN WATER (ULTRAPURE) | 1.2 ML | ¥19,000 | NA |
| ES-5620-A-CS0L | JECS PCB/POPS/PBDE CALIBRATION STANDARD CS0L | (UNLABELED/ ¹³ C, 99%) IN NONANE | 0.25 ML | ¥121,000 | NA |
| ES-5620-A-CS1L | JECS PCB/POPS/PBDE CALIBRATION STANDARD CS1L | (UNLABELED/ ¹³ C, 99%) IN NONANE | 0.25 ML | ¥121,000 | NA |
| ES-5620-A-CS2L | JECS PCB/POPS/PBDE CALIBRATION STANDARD CS2L | (UNLABELED/ ¹³ C, 99%) IN NONANE | 0.25 ML | ¥121,000 | NA |
| ES-5620-A-CS3L | JECS PCB/POPS/PBDE CALIBRATION STANDARD CS3L | (UNLABELED/ ¹³ C, 99%) IN NONANE | 0.25 ML | ¥121,000 | NA |
| ES-5620-A-CS4L | JECS PCB/POPS/PBDE CALIBRATION STANDARD CS4L | (UNLABELED/ ¹³ C, 99%) IN NONANE | 0.25 ML | ¥121,000 | NA |
| ES-5620-A-CS5L | JECS PCB/POPS/PBDE CALIBRATION STANDARD CS5L | (UNLABELED/ ¹³ C, 99%) IN NONANE | 0.25 ML | ¥121,000 | NA |
| ES-5620-A-CS6L | JECS PCB/POPS/PBDE CALIBRATION STANDARD CS6L | (UNLABELED/ ¹³ C, 99%) IN NONANE | 0.25 ML | ¥121,000 | NA |
| ES-5620-A-CS7L | JECS PCB/POPS/PBDE CALIBRATION STANDARD CS7L | (UNLABELED/ ¹³ C, 99%) IN NONANE | 0.25 ML | ¥121,000 | NA |
| ES-5620-A-CS8L | JECS PCB/POPS/PBDE CALIBRATION STANDARD CS8L | (UNLABELED/ ¹³ C, 99%) IN NONANE | 0.25 ML | ¥121,000 | NA |
| ES-5620-A-CS9L | JECS PCB/POPS/PBDE CALIBRATION STANDARD CS9L | (UNLABELED/ ¹³ C, 99%) IN NONANE | 0.25 ML | ¥121,000 | NA |
| ES-5620-A-L | JECS PCB/POPS/PBDE CALIBRATION STANDARDS CS0L-CS9L | (UNLABELED/ ¹³ C, 99%) IN NONANE | 10X0.25 ML | ¥644,000 | NA |
| ES-5621 | JECS PCB/POPS/PBDE CLEANUP SPIKE | (¹³ C, 99%) IN METHANOL | 1.2 ML | ¥53,000 | NA |
| ES-5621-10X1.2 | JECS PCB/POPS/PBDE CLEANUP SPIKE | (¹³ C, 99%) IN METHANOL | 10 X 1.2ML | ¥256,000 | NA |
| ES-5622 | JECS PCB/POPS/PBDE SYRINGE SPIKE | (¹³ C ₁₂ , 99%) IN NONANE | 1.2 ML | ¥23,000 | NA |
| ES-5622-10X1.2 | JECS PCB/POPS/PBDE SYRINGE SPIKE | (¹³ C ₁₂ , 99%) IN NONANE | 10 X 1.2ML | ¥109,000 | NA |
| ES-5623-A | JECS PCB/POPS/PBDE NATIVE | UNLABELED IN NONANE | 1.2 ML | ¥109,000 | NA |
| ES-5623-B | JECS PCB/POPS/PBDE NATIVE | UNLABELED IN METHANOL | 1.2 ML | ¥109,000 | NA |
| ES-5628 | JECS PHENOL/PARABEN NATIVE STANDARD | IN METHANOL | 1.2 ML | ¥166,000 | NA |
| ES-5629 | JECS PHENOL/PARABEN CLEAN-UP STANDARD | (¹³ C, 99%; D, 98%) IN METHANOL | 1.2 ML | ¥476,000 | NA |
| ES-5630 | JECS PHENOL/PARABEN SYRINGE STANDARD | (D, 98%) IN METHANOL-OD | 1.2 ML | ¥182,000 | NA |
| ES-5627 | JECS NATIVE NEONICOTINOID MIXTURE | UNLABELED IN METHANOL | 1.2 ML | ¥29,000 | NA |
| ES-5634 | JECS NEONICOTINOID MIXTURE | (¹³ C, 99%; D, 98%; ¹⁵ N, 98%; ¹⁸ O, 96%) IN METHANOL | 1.2 ML | ¥336,000 | NA |

Phthalate and Phthalate Metabolite Standards

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|-----------------|---|--|--------|------------|---|
| CLM-10187-1.2 | MONO-N-PENTYL PHTHALATE | (RING-1,2- ¹³ C ₂ , DICARBOXYL- ¹³ C ₂ , 99%) 100UG/ML MTBE | 1.2 ML | ¥156,400 | C9*C4H1604 |
| CLM-10188-1.2 | MONO-(4-METHYL-7-HYDROXYOCTYL) PHTHALATE | (RING-1,2- ¹³ C ₂ , DICARBOXYL- ¹³ C ₂ , 99%) 100UG/ML MTBE | 1.2 ML | ¥187,000 | C13*C4H2405 |
| CLM-10190-1.2 | MONO-(4-METHYL-7-OXOOCTYL) PHTHALATE | (RING-1,2- ¹³ C ₂ , DICARBOXYL- ¹³ C ₂ , 99%) 100UG/ML MTBE | 1.2 ML | ¥192,000 | C13*C4H2205 |
| CLM-10192-1.2 | MONO-(4-METHYL-7-CARBOXYHEPTYL) PHTHALATE | (RING-1,2- ¹³ C ₂ , DICARBOXYL- ¹³ C ₂ , 99%) 100UG/ML MTBE | 1.2 ML | ¥187,000 | C13*C4H2206 |
| CLM-10196-1.2 | MONO-(4-METHYL-7-CARBOXYOCTYL) PHTHALATE | (RING-1,2- ¹³ C ₂ , DICARBOXYL- ¹³ C ₂ , 99%) 100UG/ML MTBE | 1.2 ML | ¥192,000 | C14*C4H2406 |
| CLM-10200-1.2 | MONO-2-ETHYLHEXYL TEREPHTHALATE | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN MTBE | 1.2 ML | ¥218,800 | C10*C6H2204 |
| CLM-10202-1.2 | CYCLOHEXANE-1,2-DICARBOXYLIC ACID, MONO(7-HYDROXY-4-METHYLOCTYL) ESTER | (¹³ C ₈ , 99%) 100 UG/ML IN MTBE | 1.2 ML | ¥208,600 | C13*C4H3005 |
| CLM-10204-1.2 | MONOISOBUTYL PHTHALATE | (RING-1,2- ¹³ C ₂ , DICARBOXYL- ¹³ C ₂ , 99%) 100 UG/ML MTBE | 1.2 ML | ¥156,400 | C8*C4H1404 |
| CLM-10294-1.2 | BIS(2-ETHYLHEXYL) TEREPHTHALATE (95% CP) | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN MTBE | 1.2 ML | お問い合わせ | C18*C6H3804 |
| CLM-10299-1.2 | CYCLOHEXANE-1,2-DICARBOXYLIC ACID, MONO-(4-METHYLOCTYL) ESTER (MINCH) | (¹³ C ₈ , 99%) 100 UG/ML IN MTBE | 1.2 ML | ¥208,600 | C13*C4H3004 |
| CLM-10301-1.2 | CYCLOHEXANE-1,2-DICARBOXYLIC ACID, MONO-(4-METHYL-7-OXOOCTYL) ESTER | (¹³ C ₈ , 99%) 100 UG/ML IN MTBE | 1.2 ML | ¥208,600 | C13*C4H2805 |
| CLM-10303-1.2 | CYCLOHEXANE-1,2-DICARBOXYLIC ACID, MONO-(7-CARBOXY-4-METHYLOCTYL) ESTER | (¹³ C ₈ , 99%) 100UG/ML IN MTBE | 1.2 ML | ¥208,600 | C13*C4H2806 |
| CLM-10305-1.2 | MONO-(7-CARBOXYOCTYL) PHTHALATE | (RING-1,2- ¹³ C ₂ , DICARBOXYL- ¹³ C ₂ , 99%) 100UG/ML MTBE | 1.2 ML | ¥192,000 | C13*C4H2206 |
| CLM-10307-1.2 | MONO-(8-CARBOXYNONYL) PHTHALATE | (RING-1,2- ¹³ C ₂ , DICARBOXYL- ¹³ C ₂ , 99%) 100UG/ML MTBE | 1.2 ML | ¥192,000 | C14*C4H2406 |
| CLM-10309-1.2 | MONO-(6-OXO-2-PROPYLHEPTYL) PHTHALATE | (RING-1,2- ¹³ C ₂ , DICARBOXYL- ¹³ C ₂ , 99%) 100UG/ML MTBE | 1.2 ML | ¥192,000 | C14*C4H2405 |
| CLM-10311-1.2 | MONO-(6-CARBOXY-2-PROPYLHEXYL) PHTHALATE | (RING-1,2- ¹³ C ₂ , DICARBOXYL- ¹³ C ₂ , 99%) 100UG/ML MTBE | 1.2 ML | ¥192,000 | C14*C4H2606 |
| CLM-10313-1.2 | MONO-(6-HYDROXY-2-PROPYLHEPTYL) PHTHALATE | (RING-1,2- ¹³ C ₂ , DICARBOXYL- ¹³ C ₂ , 99%) 100UG/ML MTBE | 1.2 ML | ¥200,200 | C14*C4H2605 |
| CLM-10315-1.2 | 1,2,4-BENZENETRICARBOXYLIC ACID, 1,4-BIS(2-ETHYLHEXYL) ESTER | (¹³ C ₈ , 99%) 100 UG/ML IN MTBE | 1.2 ML | ¥218,800 | C17*C8H3806 |
| CLM-10317-1.2 | 1,2,4-BENZENETRICARBOXYLIC ACID, 2,4-BIS(2-ETHYLHEXYL) ESTER | (¹³ C ₈ , 99%) 100 UG/ML IN MTBE | 1.2 ML | ¥218,800 | C17*C8H3806 |
| CLM-10319-1.2 | 1,2,4-BENZENETRICARBOXYLIC ACID, 1,2-BIS(2-ETHYLHEXYL) ESTER | (¹³ C ₈ , 99%) 100 UG/ML IN MTBE | 1.2 ML | ¥218,800 | C17*C8H3806 |
| CLM-10592-1.2 | CYCLOHEXANE-1,2-DICARBOXYLIC ACID, DI(4-METHYLOCTYL) ESTER (DINCH) | (¹³ C ₈ , 99%) 100 UG/ML IN MTBE | 1.2 ML | ¥208,600 | C22*C4H4804 |
| CLM-4584-MT-1.2 | MONO-2-ETHYLHEXYL PHTHALATE 100 UG/ML IN MTBE | (RING-1,2- ¹³ C ₂ , DICARBOXYL- ¹³ C ₂ , 99%) | 1.2 ML | ¥156,400 | C12*C4H2204 |
| CLM-4586-MT-1.2 | MONOETHYL PHTHALATE 100 UG/ML IN MTBE | (RING-1,2- ¹³ C ₂ , DICARBOXYL- ¹³ C ₂ , 99%) (CP 95%) | 1.2 ML | ¥156,400 | C6*C4H1004 |
| CLM-4587-MT-1.2 | MONO-(3,5,5-TRIMETHYL-1-HEXYL)PHTHALATE | (RING-1,2- ¹³ C ₂ , DICARBOXYL- ¹³ C ₂ , 99%) 100UG/ML MTBE | 1.2 ML | ¥156,400 | C13*C4H2404 |
| CLM-4588-MT-1.2 | MONO-(3,7-DIMETHYL-1-OCTYL) PHTHALATE | (RING-1,2- ¹³ C ₂ , DICARBOXYL- ¹³ C ₂ , 99%) 100UG/ML MTBE | 1.2 ML | ¥156,400 | C14*C4H2604 |
| CLM-4589-MT-1.2 | MONO-N-OCTYL PHTHALATE 100 UG/ML IN MTBE | (RING-1,2- ¹³ C ₂ , DICARBOXYL- ¹³ C ₂ , 99%) | 1.2 ML | ¥156,400 | *C4C12H2204 |
| CLM-4590-MT-1.2 | MONO-N-BUTYL PHTHALATE 100 UG/ML IN MTBE | (RING-1,2- ¹³ C ₂ , DICARBOXYL- ¹³ C ₂ , 99%) | 1.2 ML | ¥156,400 | C8*C4H1404 |
| CLM-4591-MT-1.2 | MONOBENZYL PHTHALATE 100 UG/ML IN MTBE | (RING-1,2- ¹³ C ₂ , DICARBOXYL- ¹³ C ₂ , 99%) | 1.2 ML | ¥156,400 | *C4C11H1204 |
| CLM-4592-MT-1.2 | MONOCYCLOHEXYL PHTHALATE 100 UG/ML IN MTBE | (RING-1,2- ¹³ C ₂ , DICARBOXYL- ¹³ C ₂ , 99%) | 1.2 ML | ¥156,400 | C10*C4H1604 |
| CLM-4668-1.2 | DI-N-PENTYL PHTHALATE (100 UG/ML IN NONANE) | (RING-1,2- ¹³ C ₂ , DICARBOXYL- ¹³ C ₂ , 99%) | 1.2 ML | ¥109,400 | *C4C14H2604 |
| CLM-4669-1.2 | DI-N-HEXYL PHTHALATE (100 UG/ML IN NONANE) | (RING-1,2- ¹³ C ₂ , DICARBOXYL- ¹³ C ₂ , 99%) | 1.2 ML | ¥109,400 | C4*C21*CO2(CH ₂) ₅ CH ₃]2 |
| CLM-4670-1.2 | DICYCLOHEXYL PHTHALATE 100 UG/ML IN NONANE | (RING-1,2- ¹³ C ₂ , DICARBOXYL- ¹³ C ₂ , 99%) | 1.2 ML | ¥109,400 | C6H100*C*C2C4H4*COOCH ₃ H11 |
| CLM-4671-1.2 | DI-N-PROPYL PHTHALATE 100 UG/ML IN NONANE | (RING-1,2- ¹³ C ₂ , DICARBOXYL- ¹³ C ₂ , 99%) | 1.2 ML | お問い合わせ | C10*C4H1804 |
| CLM-4675-1.2 | BIS(2-ETHYLHEXYL)ADIPATE | (ADIPATE- ¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥128,000 | C16*C6H4204 |
| CLM-6071-MT-1.2 | MONOMETHYL PHTHALATE 100 UG/ML IN MTBE | (RING-1,2- ¹³ C ₂ , DICARBOXYL- ¹³ C ₂ , 99%) | 1.2 ML | ¥156,400 | C5*C4H804 |
| CLM-6225-0 | MONOMETHYL ISOPHTHALATE | (RING- ¹³ C ₆ , 99%) | G | お問い合わせ | *C6C3H804 |
| CLM-6238-MT-1.2 | BIS(2-ETHYLHEXYL)PHTHALATE | (RING-1,2- ¹³ C ₂ , DICARBOXYL- ¹³ C ₂ , 99%) 100 UG/ML MTBE | 1.2 ML | ¥116,200 | C20*C4H3804 |
| CLM-6640-MT-1.2 | MONO-(2-ETHYL-5-OXOHEXYL)PHTHALATE | (DEHP METABOLITE VI) (¹³ C ₄ , 99%) 100 UG/ML IN MTBE | 1.2 ML | ¥218,800 | C12*C4H2205 |
| CLM-6641-MT-1.2 | MONO-(2-ETHYL-5-HYDROXYHEXYL)PHTHALATE | (DEHP METABOLITE IX) (¹³ C ₄ , 99%) 100 UG/ML IN MTBE | 1.2 ML | ¥218,800 | C12*C4H2205 |
| CLM-6847-MT-1.2 | MONO-(3-CARBOXYPROPYL)PHTHALATE 100 UG/ML IN MTBE | (RING-1,2- ¹³ C ₂ , DICARBOXYL- ¹³ C ₂ , 99%) | 1.2 ML | ¥218,800 | C8*C4H1206 |
| CLM-8148-MT-1.2 | MONO-(2-ETHYL-5-CARBOXPENTYL)PHTHALATE 90% PURE | (DEHP METABOLITE V) (¹³ C ₄ , 99%) 100 UG/ML IN MTBE | 1.2 ML | ¥208,600 | C12*C4H2006 |
| CLM-8232-MT-1.2 | MONO-[2-CARBOXYMETHYL]HEXYL)PHTHALATE(CP 95%) | (DEHP METABOLITE IV) (¹³ C ₄ , 99%) 100 UG/ML IN MTBE | 1.2 ML | ¥233,400 | C12*C4H2006 |
| DLM-1366-0.1 | DIMETHYL PHTHALATE | (RING-D ₄ , 98%) | 0.1 G | ¥80,800 | C10H6D404 |
| DLM-1366-1.2 | DIMETHYL PHTHALATE | (RING-D ₄ , 98%) 100+-10 UG/ML IN NONANE | 1.2 ML | ¥106,200 | C10H6D404 |
| DLM-1367-0.1 | DI-N-BUTYL PHTHALATE | (RING-D ₄ , 98%) | 0.1 G | ¥105,000 | C6D4(COO(CH ₂) ₃ CH ₃) ₂ |
| DLM-1367-0.25 | DI-N-BUTYL PHTHALATE | (RING-D ₄ , 98%) | 0.25 G | ¥201,800 | C6D4(COO(CH ₂) ₃ CH ₃) ₂ |
| DLM-1367-1.2 | DI-N-BUTYL PHTHALATE | (RING-D ₄ , 98%) 100 UG/ML IN NONANE | 1.2 ML | ¥118,000 | C6D4(COO(CH ₂) ₃ CH ₃) ₂ |
| DLM-1368-0.1 | BIS(2-ETHYLHEXYL)PHTHALATE | (RING-D ₄ , 98%) | 0.1 G | ¥103,200 | C6D4(COOCH ₂ CH ₂ CH ₂ CH ₃) ₂ CH ₃ |
| DLM-1368-0.25 | BIS(2-ETHYLHEXYL)PHTHALATE | (RING-D ₄ , 98%) | 0.25 G | ¥201,800 | C6D4(COOCH ₂ CH ₂ CH ₂ CH ₃) ₂ CH ₃ |
| DLM-1368-1.2 | BIS(2-ETHYLHEXYL)PHTHALATE | (RING-D ₄ , 98%) 100 UG/ML IN NONANE | 1.2 ML | ¥118,000 | C6D4(COOCH ₂ CH ₂ CH ₂ CH ₃) ₂ CH ₃ |
| DLM-1369-0.1 | BENZYL BUTYL PHTHALATE | (RING-D ₄ , 98%) | 0.1 G | ¥103,200 | C6D4(COO(CH ₂ CH ₃) ₂)COOCH ₂ CH ₂ CH ₃ |
| DLM-1369-1.2 | BENZYL BUTYL PHTHALATE | (RING-D ₄ , 98%) 100 UG/ML IN NONANE | 1.2 ML | ¥106,200 | C6D4(COO(CH ₂ CH ₃) ₂)COOCH ₂ CH ₂ CH ₃ |
| DLM-1629-0.1 | DIETHYL PHTHALATE | (RING-D ₄ , 98%) | 0.1 G | ¥93,000 | C6D4(COOCH ₂ CH ₂) ₂ |
| DLM-1629-0.25 | DIETHYL PHTHALATE | (RING-D ₄ , 98%) | 0.25 G | ¥181,800 | C6D4(COOCH ₂ CH ₂) ₂ |
| DLM-1629-1.2 | DIETHYL PHTHALATE | (RING-D ₄ , 98%) 100 UG/ML IN NONANE | 1.2 ML | ¥106,200 | C6D4(COOCH ₂ CH ₂) ₂ |
| DLM-1630-0.1 | DI-N-OCTYL PHTHALATE | (RING-D ₄ , 98%) | 0.1 G | ¥93,000 | C6D4-1,2-(CO ₂ (CH ₂) ₇ CH ₃) ₂ |
| DLM-1630-1.2 | DI-N-OCTYL PHTHALATE | (RING-D ₄ , 98%) 100 UG/ML IN NONANE | 1.2 ML | ¥106,200 | C6D4-1,2-(CO ₂ (CH ₂) ₇ CH ₃) ₂ |
| ES-5633 | JE | | | | |

PCB Standards and Standard Mixtures & Priority Pollutant Standard Mixtures

| Catalog No. | Compound | Description | Amount | Price (¥) | Formula |
|------------------|--|---|------------|------------|-----------|
| EC-5350 | POPS PESTICIDES HRMS (PCB) SYRINGE SPIKE | (¹³ C, 99%) 100 NG/ML IN NONANE | 1.2 ML | ¥75,600 | NA |
| EC-5350-L | POPS PESTICIDES LRMS (PCB) SYRINGE SPIKE | (¹³ C, 99%) 1 UG/ML IN NONANE | 1.2 ML | ¥310,400 | NA |
| EC-5477 | CHLORINATED INTERNAL STANDARD STOCK | SOLUTION 1 UNLABELED | 1.2 ML | ¥95,200 | NA |
| EM-1724-A | CHLOROBENZENE COCKTAIL SOL'N MONO/DI/TRI ISOMERS | (¹³ C ₆ , 99%) 100 UG/ML IN ISOCTANE | 1.2 ML | ¥253,200 | NA |
| EM-1725-A | CHLOROBENZENE COCKTAIL TETRA/PENTA/HEXA ISOMERS | (¹³ C ₆ , 99%) 100 UG/ML IN ISOCTANE | 1.2 ML | ¥253,200 | NA |
| EM-1725-B | CHLOROBENZENE COCKTAIL TETRA/PENTA/HEXA ISOMERS | (¹³ C ₆ , 99%) 100 UG/ML IN METHANOL | 1.2 ML | ¥253,200 | NA |
| EM-1726-A | CHLOROPHENOL COCKTAIL SOL'N MONO/DI/TRI ISOMERS | (¹³ C ₆ , 99%) 100 UG/ML IN ISOCTANE | 1.2 ML | ¥253,200 | NA |
| EM-1726-B | CHLOROPHENOL COCKTAIL SOL'N MONO/DI/TRI ISOMERS | (¹³ C ₆ , 99%) 100 UG/ML IN METHANOL | 1.2 ML | ¥253,200 | NA |
| EM-1727-A | CHLOROPHENOL COCKTAIL TRI/TETRA/PENTA ISOMERS | (¹³ C ₆ , 99%) 100 UG/ML IN ISOCTANE | 1.2 ML | ¥253,200 | See SDS |
| EM-1727-B | CHLOROPHENOL COCKTAIL TRI/TETRA/PENTA ISOMERS | (¹³ C ₆ , 99%) 100 UG/ML IN METHANOL | 1.2 ML | ¥253,200 | NA |
| EM-4019 | CHLOROCATECHOL COCKTAIL | UNLABELED IN ACETONE | 1 ML | ¥82,600 | NA |
| EM-4028 | 2,2'-DIFLUOROBIPHENYL | UNLABELED 5.0 MG/ML IN ACETONE | 1 ML | ¥59,200 | C12H8F2 |
| EM-4173 | LABELED CHLOROPHENOLIC DERIVATIVES MIX | FOR METHOD 1653 REV A | 2 X 1 ML | ¥271,000 | NA |
| EM-4173-1 | LABELED CHLOROPHENOLIC DERIVATIVES MIX | FOR METHOD 1653 REV A - VIAL 1 | 1 ML | ¥253,200 | NA |
| EM-4173-2 | LABELED CHLOROPHENOLIC DERIVATIVES MIX | FOR METHOD 1653 REV A - VIAL 2 | 1 ML | ¥50,600 | NA |
| EM-4180 | SET OF CHLOROPHENOLIC MIXES FOR METHOD 1653A | UNLABELED | 4 X 1 ML | ¥271,000 | NA |
| EM-4181 | REGULATED CHLOROPHENOLICS FOR METHOD 1653A | UNLABELED IN METHANOL | 1 ML | ¥185,000 | See SDS |
| EM-4182 | REGULATED CHLOROPHENOLICS FOR METHOD 1653A | UNLABELED IN ACETONE | 1 ML | ¥59,200 | C8H7Cl3O3 |
| EM-4183 | OTHER CHLOROPHENOLICS FOR METHOD 1653A | UNLABELED IN METHANOL | 1 ML | ¥118,400 | NA |
| EM-4184 | OTHER CHLOROPHENOLICS | FOR METHOD 1653A UNLABELED IN ACETONE | 1 ML | ¥99,000 | NA |
| EM-4185 | REGULATED CHLOROPHENOLICS FOR METHOD 1653A | UNLABELED | SET 2X1 ML | ¥204,800 | C8H7Cl3O3 |
| EM-4186 | SET OF OTHER CHLOROPHENOLICS FOR METHOD 1653A | UNLABELED | SET 2X1 ML | ¥166,800 | NA |
| ES-2002 | BASE NEUTRALS | MIXTURE-4.3 | 1 ML | ¥176,000 | NA |
| ES-2003 | BASE NEUTRALS | MIXTURE-6.2 | 2 X 1 ML | ¥116,800 | NA |
| ES-2004 | BASE NEUTRALS | MIXTURE-6.3 ***SONICATE BEFORE USE*** | 1 ML | ¥222,600 | NA |
| ES-2036 | ACID EXTRACTABLES | MIXTURE-3 | 1 ML | ¥138,400 | NA |
| ES-5037 | CLP SEMI-VOLATILES DMC STOCK SOLUTION | 2000 UG/ML IN METHYLENE CHLORIDE-D2 | 1.2 ML | ¥88,200 | NA |
| ES-5321 | MULTI-ANALYTE RECOVERY SPIKING STD. IN HEXANE | (¹³ C ₁₂ , 99%) CONT. 2% DODECANE/10% NONANE | 10 ML | ¥79,200 | NA |
| ES-5321-200X-1.2 | MULTI-ANALYTE RECOVERY SPIKING STD. | (¹³ C ₁₂ , 99%) 200X STOCK IN NONANE | 1.2 ML | ¥486,200 | NA |
| ES-5321-5X10 | MULTI-ANALYTE RECOVERY SPIKING STD. IN HEXANE | (¹³ C ₁₂ , 99%) CONT. 2% DODECANE/10% NONANE | 5 X 10 ML | ¥455,800 | NA |
| ES-5401 | MONO-HEXA CHLOROBENZENE SOLUTION | (¹³ C ₆ , 99%) 500 UG/ML IN TOLUENE | 1.2 ML | ¥554,400 | NA |
| ES-5406 | NATIVE MONO-HEXA CHLOROBENZENE SOLUTION | UNLABELED 500 UG/ML IN TOLUENE | 1.2 ML | ¥88,200 | NA |
| ES-5482 | PHENOLIC CALIBRATION STANDARDS CS1 - CS6 | (UNLABELED/ ¹³ C, 99%) | 6 X 0.5 ML | ¥1,069,000 | NA |
| ES-5483 | PHENOLIC SPIKING STANDARD | (¹³ C, 99%) | 10 ML | ¥233,400 | NA |
| ES-5496 | PHENOLIC NATIVE PAR STANDARD | UNLABELED | 1.2 ML | ¥271,000 | NA |
| ES-5501 | PCB/POLLUTANT NATIVE MIXTURE | UNLABELED IN HEXANE | 1.2 ML | ¥75,600 | NA |
| ES-5510 | EXTENDED PHENOLIC CALIBRATION SOLUTIONS CS1-CS6 | (UNLABELED/ ¹³ C, 99%) | 6 X 0.5 ML | ¥1,348,600 | NA |
| ES-5510-CS1 | EXTENDED PHENOLIC CALIBRATION SOLUTION CS1 | (UNLABELED/ ¹³ C, 99%) | 0.5 ML | ¥327,400 | NA |
| ES-5510-CS2 | EXTENDED PHENOLIC CALIBRATION SOLUTION CS2 | (UNLABELED/ ¹³ C, 99%) | 0.5 ML | ¥327,400 | NA |
| ES-5510-CS3 | EXTENDED PHENOLIC CALIBRATION SOLUTION CS3 | (UNLABELED/ ¹³ C, 99%) | 0.5 ML | ¥327,400 | NA |
| ES-5510-CS4 | EXTENDED PHENOLIC CALIBRATION SOLUTION CS4 | (UNLABELED/ ¹³ C, 99%) | 0.5 ML | ¥327,400 | NA |
| ES-5510-CS5 | EXTENDED PHENOLIC CALIBRATION SOLUTION CS5 | (UNLABELED/ ¹³ C, 99%) | 0.5 ML | ¥327,400 | NA |
| ES-5510-CS6 | EXTENDED PHENOLIC CALIBRATION SOLUTION CS6 | (UNLABELED/ ¹³ C, 99%) | 0.5 ML | ¥327,400 | NA |
| ES-5511 | EXTENDED PHENOLIC SPIKING SOLUTION | (¹³ C, 99%) | 10 ML | ¥348,200 | NA |
| ES-5521 | MULTI-FUNCTIONAL PAR SPIKE | UNLABELED IN NONANE | 1.2 ML | ¥387,600 | NA |
| ES-5535 | JECS LABELED MIXTURE SOLUTION | IN WATER (ULTRAPURE) | 1.2 ML | ¥133,000 | NA |
| ES-5536 | JECS NATIVE MIXTURE SOLUTION | 500 NG/ML IN WATER (ULTRAPURE) | 1.2 ML | ¥19,000 | NA |
| ES-5584 | EPA METHOD 545 INTERNAL STANDARD PDS MIXTURE | (D, 98%) IN 1:1 METHANOL:WATER | 2 X 1.2 ML | ¥38,000 | NA |
| ES-5585 | EPA METHOD 545 INTERNAL NATIVE STD PDS MIXTURE | UNLABELED IN 1:1 METHANOL:WATER | 1.2 ML | ¥18,200 | NA |
| ES-5594 | EPA METHOD 543 INTERNAL STANDARD STOCK SOLUTIONS KIT | | 1 KIT | ¥435,600 | NA |
| ES-5597 | 2 COMPONENT LABELED AROMATIC AMINE MIX | (D, 98%) IN HEXANE | 1.2 ML | ¥218,800 | NA |
| ES-5598 | 2 COMPONENT AROMATIC AMINE MIX | UNLABELED IN HEXANE | 1.2 ML | ¥64,000 | NA |
| ES-5599 | JECS PHENOL/PARABEN NATIVE STANDARD | UNLABELED 10 UG/ML IN METHANOL | 1.2 ML | ¥151,000 | NA |
| ES-5600 | JECS PHENOL/PARABEN CLEAN-UP STANDARD | (¹³ C, 99%) 10 UG/ML IN METHANOL | 1.2 ML | ¥597,000 | NA |

PCB Standards and Standard Mixtures & Priority Pollutant Standard Mixtures

| Catalog No. | Compound | Description | Amount | Price (¥) | Formula |
|----------------|--|--|------------|-----------|---------|
| ES-5616 | NATIVE HCB, PeCBz, PBDES AND PCBs CALIBRATION SET | (CS1-CS4) UNLABELED | 4 X 100 UL | ¥74,000 | NA |
| ES-5620-A-CS0L | JECS PCB/POPS/PBDE CALIBRATION STANDARD CS0L | (UNLABELED/ ¹³ C, 99%) IN NONANE | 0.25 ML | ¥121,000 | NA |
| ES-5620-A-CS1L | JECS PCB/POPS/PBDE CALIBRATION STANDARD CS1L | (UNLABELED/ ¹³ C, 99%) IN NONANE | 0.25 ML | ¥121,000 | NA |
| ES-5620-A-CS2L | JECS PCB/POPS/PBDE CALIBRATION STANDARD CS2L | (UNLABELED/ ¹³ C, 99%) IN NONANE | 0.25 ML | ¥121,000 | NA |
| ES-5620-A-CS3L | JECS PCB/POPS/PBDE CALIBRATION STANDARD CS3L | (UNLABELED/ ¹³ C, 99%) IN NONANE | 0.25 ML | ¥121,000 | NA |
| ES-5620-A-CS4L | JECS PCB/POPS/PBDE CALIBRATION STANDARD CS4L | (UNLABELED/ ¹³ C, 99%) IN NONANE | 0.25 ML | ¥121,000 | NA |
| ES-5620-A-CS5L | JECS PCB/POPS/PBDE CALIBRATION STANDARD CS5L | (UNLABELED/ ¹³ C, 99%) IN NONANE | 0.25 ML | ¥121,000 | NA |
| ES-5620-A-CS6L | JECS PCB/POPS/PBDE CALIBRATION STANDARD CS6L | (UNLABELED/ ¹³ C, 99%) IN NONANE | 0.25 ML | ¥121,000 | NA |
| ES-5620-A-CS7L | JECS PCB/POPS/PBDE CALIBRATION STANDARD CS7L | (UNLABELED/ ¹³ C, 99%) IN NONANE | 0.25 ML | ¥121,000 | NA |
| ES-5620-A-CS8L | JECS PCB/POPS/PBDE CALIBRATION STANDARD CS8L | (UNLABELED/ ¹³ C, 99%) IN NONANE | 0.25 ML | ¥121,000 | NA |
| ES-5620-A-CS9L | JECS PCB/POPS/PBDE CALIBRATION STANDARD CS9L | (UNLABELED/ ¹³ C, 99%) IN NONANE | 0.25 ML | ¥121,000 | NA |
| ES-5620-A-L | JECS PCB/POPS/PBDE CALIBRATION STANDARDS CS0L-CS9L | (UNLABELED/ ¹³ C, 99%) IN NONANE | 10X0.25 ML | ¥644,000 | NA |
| ES-5621 | JECS PCB/POPS/PBDE CLEANUP SPIKE | (¹³ C, 99%) IN METHANOL | 1.2 ML | ¥53,000 | NA |
| ES-5621-10X1.2 | JECS PCB/POPS/PBDE CLEANUP SPIKE | (¹³ C, 99%) IN METHANOL | 10 X 1.2ML | ¥256,000 | NA |
| ES-5622 | JECS PCB/POPS/PBDE SYRINGE SPIKE | (¹³ C ₁₂ , 99%) IN NONANE | 1.2 ML | ¥23,000 | NA |
| ES-5622-10X1.2 | JECS PCB/POPS/PBDE SYRINGE SPIKE | (¹³ C ₁₂ , 99%) IN NONANE | 10 X 1.2ML | ¥109,000 | NA |
| ES-5623-A | JECS PCB/POPS/PBDE NATIVE | UNLABELED IN NONANE | 1.2 ML | ¥109,000 | NA |
| ES-5623-B | JECS PCB/POPS/PBDE NATIVE | UNLABELED IN METHANOL | 1.2 ML | ¥109,000 | NA |
| ES-5628 | JECS PHENOL/PARABEN NATIVE STANDARD | IN METHANOL | 1.2 ML | ¥166,000 | NA |
| ES-5629 | JECS PHENOL/PARABEN CLEAN-UP STANDARD | (¹³ C, 99%; D, 98%) IN METHANOL | 1.2 ML | ¥476,000 | NA |
| ES-5630 | JECS PHENOL/PARABEN SYRINGE STANDARD | (D, 98%) IN METHANOL-OD | 1.2 ML | ¥182,000 | NA |
| ES-5650 | DEUTERATED NITROSAMINES STANDARD MIXTURE | (D, 98%) 10 UG/ML IN METHYLENE CHLORIDE-D2 | 5 ML | ¥299,800 | NA |
| ES-5651 | NITROSAMINES NATIVE MIXTURE | UNLABELED 10 UG/ML IN METHYLENE CHLORIDE | 5 ML | ¥149,200 | NA |
| ES-5652 | METHOD 521 NITROSAMINE SURROGATE MIXTURE | (D, 98%) 100 UG/ML IN METHYLENE CHLORIDE-D2 | 1.2 ML | ¥249,400 | NA |
| ES-5653 | METHOD 521 NITROSAMINE NATIVE MIXTURE | UNLABELED 100 UG/ML IN METHYLENE CHLORIDE | 1.2 ML | ¥125,800 | NA |
| ES-9444 | EXTENDED PHENOLIC NATIVE PAR STANDARD | UNLABELED | 1.2 ML | ¥292,600 | NA |

Perfluorinated Compound Standards

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|-------------------|--|--|------------|------------|---------------------|
| CLM-11324-1.2 | PERFLUOROPROPANOIC ACID (PFPrA) | (¹³ C ₃ , 99%) (CP 97%) 50 UG/ML IN METHANOL | 1.2 ML | \$188,200 | *C3HF5O2 |
| CLM-9523-1.2 | PERFLUOROBUTANESULFONIC ACID, POTASSIUM SALT | (¹³ C ₄ , 99%) 50 UG/ML IN METHANOL | 1.2 ML | \$195,200 | *CF3(*CF2)3SO3K |
| ES-5662 | FLUOROTELOMER SULFONATES (FTS) NATIVE STANDARD | MIXTURE 1 UG/ML IN METHANOL | 1.2 ML | \$56,400 | NA |
| ULM-11226-1.2 | PERFLUORO(3,5-DIOXAHEXANOIC) ACID (PF02HxA) SODIUM SALT | UNLABELED(97%CP) 50 UG/ML IN METHANOL | 1.2 ML | \$63,400 | CF3-CF2-OCF2-CO2Na |
| CDLM-10709-1.2 | 1H,1H,2H,2H-PERFLUORO-1-OCTANOL (6:2 FTOH) | (1,2- ¹³ C ₂ , 99%; 1,1,2,2-D ₄ , 98%) 50 UG/ML IN MEOH | 1.2 ML | \$169,800 | CF3(CF2)5*CD2*CO2H |
| CDLM-10712-1.2 | 1H,1H,2H,2H-PERFLUORO-1-DECANOL (8:2 FTOH)(CP 95%) | (1,2- ¹³ C ₂ , 99%; 1,1,2,2-D ₄ , 98%) 50 UG/ML IN MEOH | 1.2 ML | \$169,800 | CF3(CF2)7*CD2*CO2H |
| CDLM-10715-1.2 | 1H,1H,2H,2H-PERFLUORO-1-DODECANOL (10:2 FTOH) | (1,2- ¹³ C ₂ , 99%; 1,1,2,2-D ₄ , 98%) 50 UG/ML IN MEOH | 1.2 ML | \$169,800 | CF3(CF2)9*CD2*CO2H |
| CDLM-10750-1.2 | 1H,1H,2H,2H-PERFLUORODODECANE SULFONIC ACID (10:2 FTS),NA SALT | (¹³ C ₂ ,99%;D ₄ ,98%)50UG/ML IN MEOH | 1.2 ML | \$171,000 | C10*CD4F21Na03S |
| CDLM-10751-1.2 | 1H,1H,2H,2H-PERFLUORODODECANE SULFONIC ACID(8:2 FTS) SODIUM SALT | (¹³ C ₂ , 99%; D ₄ , 98%) 50 UG/ML IN MEOH | 1.2 ML | \$171,000 | C8*CD4F17Na03S |
| CDLM-10752-1.2 | 1H,1H,2H,2H-PERFLUOROOCTANE SULFONIC ACID(6:2 FTS) SODIUM SALT | (¹³ C ₂ , 99%; D ₄ , 98%) 50 UG/ML IN MEOH | 1.2 ML | \$171,000 | *C2C6D4F13Na03S |
| CDLM-10753-1.2 | 1H,1H,2H,2H-PERFLUOROHEXANE SULFONIC ACID (4:2 FTS), NA SALT | (¹³ C ₂ ,99%;D ₄ ,98%)50UG/ML IN MEOH | 1.2 ML | \$171,000 | C4*C2D4F9Na03S |
| CLM-10593-1.2 | PERFLUORODODECANOIC ACID, SODIUM SALT | (DODECANOYL- ¹³ C ₁₂ , 99%) 50 UG/ML IN METHANOL | 1.2 ML | \$173,000 | *C12F23Na02 |
| CLM-10624-1.2 | PERFLUOROHEPTANOIC ACID, SODIUM SALT | (HEPTANOYL- ¹³ C ₇ , 99%) 50 UG/ML IN METHANOL | 1.2 ML | \$149,000 | *C7F13Na02 |
| CLM-10883-1.2 | PERFLUOROBUTYRIC ACID, SODIUM SALT | (2,3,4- ¹³ C ₃ , 99%) 50 UG/ML IN METHANOL (95% CP) | 1.2 ML | \$156,000 | C1*C3F702-Na |
| CLM-10931-1.2 | PERFLUORENTANOIC ACID, SODIUM SALT | (PENTANOYL- ¹³ C ₅ , 99%) 50 UG/ML IN METHANOL | 1.2 ML | \$171,000 | *C5F9Na02 |
| CLM-11046-1.2 | TRIFLUOROACETIC ACID, SODIUM SALT | (¹³ C ₂ , 99%) 50 UG/ML IN METHANOL | 1.2 ML | \$156,000 | *CF3**COONa |
| CLM-11260-1.2 | 2,2-DIFLUOROMALONIC ACID (MMF), DISODIUM SALT | (¹³ C ₃ , 99%) 100UG/ML IN METHANOL | 1.2 ML | \$189,400 | *C3F2Na204 |
| CLM-11340-1.2 | POTASSIUM PERFLUORO-1-OCTANESULFONATE (PFOS) | (¹³ C ₆ , 99%) 50 UG/ML IN METHANOL | 1.2ML | \$168,200 | *C8F17KO3S |
| CLM-8005-1.2 | PERFLUORO-N-OCTANOIC ACID (PFOA) | (¹³ C ₆ , 99%) 50 UG/ML IN METHANOL | 1.2 ML | \$176,400 | *CF3(*CF2)6*COOH |
| CLM-8060-1.2 | PERFLUORONONANOIC ACID (PFNA) 97% CHEMICAL PURITY | (¹³ C ₆ , 99%) 50 UG/ML IN METHANOL | 1.2 ML | \$176,400 | *CF3(*CF2)7*COOH |
| CLM-8060-1/50-1.2 | PERFLUORONONANOIC ACID (PFNA) 97% CHEMICAL PURITY | (¹³ C ₆ , 99%) 1 UG/ML IN METHANOL | 1.2 ML | \$36,600 | *CF3(*CF2)7*COOH |
| CLM-8172-1.2 | PERFLUORODECANOIC ACID | (¹³ C ₆ , 98%) 50 UG/ML IN METHANOL | 1.2 ML | \$202,400 | CF3(*CF2)8*CO2H |
| CLM-8173-1.2 | PERFLUOROBUTYRIC ACID, SODIUM SALT | (¹³ C ₄ , 99%) 50 UG/ML IN METHANOL | 1.2 ML | \$171,000 | *C4F7Na02 |
| CLM-8340-1.2 | PERFLUOROHEXANOIC ACID, SODIUM SALT | (¹³ C ₆ , 99%) 50 UG/ML IN METHANOL | 1.2 ML | \$176,400 | *C6F11Na02 |
| CLM-8789-1.2 | PERFLUOROUNDECANOIC ACID, SODIUM SALT | (3,4,5,6,7,8,9,10,11- ¹³ C ₉ ,99%) 50UG/ML IN METHANOL | 1.2 ML | \$202,400 | *CF3(*CF2)8CF2COONa |
| CLM-9526-1.2 | POTASSIUM PERFLUORO-1-HEXANESULFONATE | (¹³ C ₆ , 99%) 50 UG/ML IN METHANOL | 1.2 ML | \$149,000 | *C6F13KO3S |
| DLM-10663-1.2 | N-METHYLPERFLUOROOCTANESULFONAMIDOACETIC ACID | (N-METHYL-D ₃ , 98%) 50 UG/ML IN METHANOL (95% CP) | 1.2 ML | \$156,000 | C11H3D3F17N04S |
| DLM-10664-1.2 | N-ETHYLPERFLUOROOCTANESULFONAMIDOACETIC ACID | (N-ETHYL-D ₅ , 98%) 50 UG/ML IN METHANOL | 1.2 ML | \$156,000 | C12H3D5F17N04S |
| DLM-10740-1.2 | N-METHYLPERFLUOROOCTANESULFONAMIDE | (D ₃ , 98%) 100 UG/ML IN METHANOL | 1.2 ML | \$156,000 | C9HD3F17N02S |
| DLM-10741-1.2 | N-ETHYLPERFLUOROOCTANESULFONAMIDE | (D ₅ , 98%)100 UG/ML IN METHANOL | 1.2 ML | \$156,000 | C10HD5F17N02S |
| DLM-11035-1.2 | N-METHYLPERFLUOROOCTANESULFONAMIDOETHANOL | (N-MEOFSE) (N-METHYL-D ₃ , 98%) 50 UG/ML IN METHANOL | 1.2 ML | \$189,400 | C11H5D3F17N03S |
| DLM-11037-1.2 | N-ETHYLPERFLUOROOCTANESULFONAMIDOETHANOL(N-ETFOSE) | (N-ETHYL-D ₅ , 98%) 50 UG/ML IN METHANOL | 1.2 ML | \$189,400 | C12H5D5F17N03S |
| ES-5570 | PFOS/PFOA CALIBRATION SERIES CS1 - CS5 | (UNLABELED/ ¹³ C, 99%) IN METHANOL | 5 X 0.25ML | \$209,000 | NA |
| ES-5570-CS0.25 | PFOS/PFOA CALIBRATION STANDARD CS0.25 | (UNLABELED/ ¹³ C, 99%) IN METHANOL | 0.25 ML | \$59,000 | NA |
| ES-5570-CS1 | PFOS/PFOA CALIBRATION STANDARD CS1 | (UNLABELED/ ¹³ C, 99%) IN METHANOL | 0.25 ML | \$59,000 | NA |
| ES-5570-CS2 | PFOS/PFOA CALIBRATION STANDARD CS2 | (UNLABELED/ ¹³ C, 99%) IN METHANOL | 0.25 ML | \$59,000 | NA |
| ES-5570-CS3 | PFOS/PFOA CALIBRATION STANDARD CS3 | (UNLABEDED/ ¹³ C, 99%) IN METHANOL | 0.25 ML | \$59,000 | NA |
| ES-5570-CS4 | PFOS/PFOA CALIBRATION STANDARD CS4 | (UNLABEDED/ ¹³ C, 99%) IN METHANOL | 0.25 ML | \$59,000 | NA |
| ES-5570-CS5 | PFOS/PFOA CALIBRATION STANDARD CS5 | (UNLABEDED/ ¹³ C, 99%) IN METHANOL | 0.25 ML | \$59,000 | NA |
| ES-5571 | PFOS/PFOA EXTRACTION STANDARD MIXTURE | (¹³ C ₆ , 99%) 2000 NG/ML IN METHANOL | 3 ML | \$135,000 | NA |
| ES-5572 | PFOS/PFOA INJECTION STANDARD MIXTURE | (¹³ C ₆ , 99%) 2000 NG/ML IN METHANOL | 3 ML | \$75,000 | NA |
| ES-5573 | PFOS/PFOA NATIVE STANDARD MIXTURE | UNLABELED 5000 NG/ML IN METHANOL | 1.2 ML | \$38,000 | NA |
| ES-5576-A | PERFLUOROALKYLSULFONATE(PFAS)C4-C10 NATIVE MIXTURE | UNLABELED 5 UG/ML IN METHANOL | 1.2 ML | \$98,000 | NA |
| ES-5587 | PERFLUOROALKYLCARBOXYLIC ACID (PFCA) C4-C14 NATIVE MIXTURE | (UNLABELED) 2 UG/ML IN METHANOL | 1.2 ML | \$75,000 | NA |
| ES-5609 | METHOD 537 PFC NATIVE ANALYTE MIX | (UNLABELED) IN METHANOL | 1.2 ML | \$118,000 | NA |
| ES-5610 | METHOD 537 PFC INTERNAL STANDARD MIX | (¹³ C, D) IN METHANOL | 1.2 ML | \$158,000 | NA |
| ES-5610-A | METHOD 537.1 INTERNAL STD PRIMARY DILUTION STD | IN METHANOL(W/4 MOLAR EQUIV. NAOH) | 1.2 ML | \$89,000 | NA |
| ES-5611 | METHOD 537 SURROGATE STANDARD MIX | (¹³ C, D) IN METHANOL | 1.2 ML | \$180,000 | NA |
| ES-5631 | METHOD 537.1 ANALYTE PRIMARY DILUTION STD (PDS) | IN METHANOL(W/4 MOLAR EQUIV. NAOH) | 1.2 ML | \$121,000 | NA |
| ES-5632 | METHOD 537.1 SURROGATE PRIMARY DILUTION STANDARD | IN METHANOL(W/4 MOLAR EQUIV. NAOH) | 1.2 ML | \$145,000 | NA |
| ES-5636-A | PFAS EF-28 NATIVE MIXTURE | UNLABELED 1 UG/ML IN METHANOL | 1.2 ML | \$125,400 | NA |
| ES-5639-A | PFAS SUPERFUND MIXTURE 1 | UNLABELED, IN METHANOL W/4 MOLAR EQUIVALENTS NAOH | 1.2 ML | \$101,000 | NA |
| ES-5640 | PFAS SIL SUPERFUND MIXTURE 1 | (LABELED), IN METHANOL W/4 MOLAR EQUIVALENTS NAOH | 1.2 ML | \$259,000 | NA |
| ES-5641 | PFAS SIL SUPERFUND MIXTURE 2 | (LABELED), IN METHANOL W/4 MOLAR EQUIVALENTS NAOH | 1.2 ML | \$171,000 | NA |
| ES-5642 | METHOD 8327 TARGET ANALYTE MIXTURE | IN METHANOL(W/4 MOLAR EQUIV. NAOH) | 1.2 ML | \$92,400 | NA |
| ES-5648 | PFOS/PFOA/PFHXS NATIVE ANALYTE MIXTURE | UNLABELED 5000 NG/ML IN METHANOL | 1.2 ML | \$42,000 | NA |
| ES-5649 | PFOS/PFOA/PFHXS LABELED STANDARD MIXTURE | (¹³ C, 99%) 2000 NG/ML IN METHANOL | 1.2 ML | \$111,000 | NA |
| ULM-10594-1.2 | PERFLUORODODECANOIC ACID, SODIUM SALT | UNLABELED 50 UG/ML IN METHANOL | 1.2 ML | \$29,000 | C12F23Na02 |
| ULM-10655-1.2 | PERFLUOROOCTANESULFONIC ACID (MIX OF ISOMERS) | UNLABELED 50 UG/ML IN METHANOL | 1.2 ML | \$29,000 | C8HF17O3S |
| ULM-10656-1.2 | N-METHYLPERFLUOROOCTANESULFONAMIDOACETIC ACID | UNLABELED (MIX OF ISOMERS) 50 UG/ML IN METHANOL | 1.2 ML | \$44,000 | C11H6F17N04S |

Perfluorinated Compound Standards

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|---------------|--|---|--------|------------|------------------|
| ULM-10657-1.2 | N-ETHYLPERFLUOROOCTANESULFONAMIDOACETIC ACID | UNLABELED (MIX OF ISOMERS) 50 UG/ML IN METHANOL | 1.2 ML | \$44,000 | C12H8F17N04S |
| ULM-10721-1.2 | PERFLUOROHEXADECANOIC ACID (90% CP) | UNLABELED 50 UG/ML IN METHANOL | 1.2 ML | \$29,000 | C16HF31O2 |
| ULM-10722-1.2 | PERFLUOROOCTADECANOIC ACID (90% CP) | UNLABELED 50 UG/ML IN METHANOL | 1.2 ML | \$29,000 | C18HF35O2 |
| ULM-10723-1.2 | 1H,1H,2H,2H-PERFLUORO-1-HEXANOL (4:2 FTOH) | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | \$32,800 | C6H5F90 |
| ULM-10724-1.2 | 1H,1H,2H,2H-PERFLUORO-1-OCTANOL (6:2 FTOH) | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | \$32,800 | CF3(CF2)5CH2CH2O |
| ULM-10725-1.2 | 2H,2H-PERFLUOROOCTANOIC ACID (6:2 FTA) | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | \$44,200 | C8H3F13O2 |
| ULM-10726-1.2 | 2H,2H-PERFLUORODECANOIC ACID (8:2 FTA) | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | \$44,200 | C10H3F17O2 |
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Flame-Retardant Standards and Standard Mixtures & PCB Standards and Standard Mixtures

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|----------------|---|--|------------|------------|----------------------|
| CLM-10224-1.2 | TRIS (4-ISOPROPYLPHENYL) PHOSPHATE | (RING- ¹³ C ₁₈ , 99%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥173,400 | C9*C18H33O4P |
| CLM-4694-1.2 | TETRABROMOBISPHENOL A | (RING- ¹³ C ₁₂ , 99%) 50 UG/ML IN METHANOL | 1.2 ML | ¥143,400 | C(CH3)2(HO*C6H2Br2)2 |
| CLM-4694-T-1.2 | TETRABROMOBISPHENOL A | (RING- ¹³ C ₁₂ , 99%) 50 UG/ML IN TOLUENE | 1.2 ML | ¥141,000 | C(CH3)2(HO*C6H2Br2)2 |
| CLM-7102-1.2 | HEXABROMOCYCLODODECANE (UNEQUAL MIX OF 3 ISOMERS) | (¹³ C ₁₂ , 99%) 50 UG/ML IN TOLUENE | 1.2 ML | ¥290,000 | *C12H18Br6 |
| CLM-7922-0.5 | ALPHA-HEXBROMOCYCLODODECANE | (¹³ C ₁₂ , 99%) 50 UG/ML IN TOLUENE | 0.5 ML | ¥178,400 | *C12H18Br6 |
| CLM-7923-1.2 | BETA-HEXBROMOCYCLODODECANE | (¹³ C ₁₂ , 99%) 50 UG/ML IN TOLUENE | 1.2 ML | ¥249,800 | *C12H18Br6 |
| CLM-7924-1.2 | GAMMA-HEXBROMOCYCLODODECANE | (¹³ C ₁₂ , 99%) 50 UG/ML IN TOLUENE | 1.2 ML | ¥249,800 | *C12H18Br6 |
| CLM-8006-1.2 | TETRACHLOROBISPHENOL A | (RING- ¹³ C ₁₂ , 99%) 50 UG/ML IN METHANOL | 1.2 ML | ¥143,400 | C3*C12H12O4I4O2 |
| CLM-8569-1.2 | DECHLORANE PLUS SYN (CP 95%) | (BIS-CYCLOPENTENE- ¹³ C ₁₀ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥278,200 | *C10C8H12Cl12 |
| CLM-8569-T-1.2 | DECHLORANE PLUS SYN | (BIS-CYCLOPENTENE- ¹³ C ₁₀ , 99%) 100 UG/ML IN TOLUENE | 1.2 ML | ¥278,200 | *C10C8H12Cl12 |
| CLM-8588-1.2 | DECHLORANE PLUS ANTI | (BIS-CYCLOPENTENE- ¹³ C ₁₀ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥278,200 | *C10C8H12Cl12 |
| CLM-8588-T-1.2 | DECHLORANE PLUS ANTI | (BIS-CYCLOPENTENE- ¹³ C ₁₀ , 99%) 100 UG/ML IN TOLUENE | 1.2 ML | ¥278,200 | *C10C8H12Cl12 |
| CLM-9282-1.2 | DECHLORANE 602 (CP >97%) 100 UG/ML IN NONANE | (1,2,3,4,6,7,8,9,10,11,- ¹³ C ₁₀ , 99%) | 1.2 ML | ¥278,200 | C4*C10H4Cl12O |
| CLM-9374-1.2 | DIMETHYL TETRABROMOBISPHENOL A | (RING- ¹³ C ₁₂ , 99%) 100 UG/ML IN TOLUENE | 1.2 ML | ¥158,400 | *C12C5H16Br4O2 |
| CLM-9535-1.2 | TRIS(2,4,6-TRIBROMOPHOXY)-1,3,5-TRIAZINE | (¹³ C ₁₈ , 99%) (TTBP-TAZ) 50 UG/ML IN DIOXANE | 1.2 ML | ¥181,600 | *C18C3H6Br9N3O3 |
| DLM-3940-1 | TRI-N-BUTYL PHOSPHATE | (D ₂₇ , 98-99%) | 1 G | ¥209,600 | (CD3(CD2)3O)3P(O) |
| DLM-3940-1.2 | TRI-N-BUTYL PHOSPHATE | (D ₂₇ , 98-99%) 1MG/ML IN ACETONITRILE | 1.2 ML | ¥81,600 | (CD3(CD2)3O)3P(O) |
| DLM-8074-1.2 | TRIETHYL PHOSPHATE | (D ₁₅ , 98%) 1 MG/ML IN ACETONITRILE | 1.2 ML | ¥81,600 | (C2D5O)3PO |
| DLM-8901-1.2 | TRIPROPYL PHOSPHATE | (D ₂₁ , 98%) 1 MG/ML IN ACETONITRILE | 1.2 ML | ¥81,600 | (CD3CD2CD2O)3P(O) |
| DLM-9070-1.2 | TRIPHENYL PHOSPHATE | (D ₁₅ , 98%) 1 MG/ML IN ACETONITRILE | 1.2 ML | ¥81,600 | (C6D5O)3P(O) |
| DLM-9313-1.2 | TRIS(2-CHLOROETHYL)PHOSPHATE | (D ₁₂ , 98%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥105,200 | (C1C2CD2O)3P(O) |
| DLM-9315-1.2 | TRIS(1,3-DICHLORO-2-PROPYL)PHOSPHATE | (D ₁₅ , 98%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥105,200 | C9D15Cl6O4P |
| DLM-9317-1.2 | TRIS(1-CHLORO-2-PROPYL)PHOSPHATE | (D ₁₈ , 98%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥105,200 | C9D18Cl3O4P |
| DLM-9945-1.2 | TBB (2-ETHYLHEXYL-2,3,4,5-TETRABROMOBENZOATE) | (D ₁₇ , 98%) 50 UG/ML IN TOLUENE | 1.2 ML | ¥108,400 | C15H17Br4O2 |
| DLM-9947-1.2 | TBPH (BIS(2-ETHYLHEXYL)TETRABROMOPHTHALATE) | (D ₃₄ , 98%) 50 UG/ML IN TOLUENE | 1.2 ML | ¥100,000 | C24D34Br4O4 |
| ECB-5269 | 3,4-DICHLORO-3',4',5'-TRIBB | (¹³ C ₁₂ , 99%) 40 UG/ML IN NONANE | 3 ML | ¥568,200 | *C12H5Br3Cl2 |
| ECB-5270 | 3,4-DIBROMO-3',4'-DICB | (¹³ C ₁₂ , 99%) 40 UG/ML IN NONANE | 3 ML | ¥568,200 | *C12H6Br2Cl2 |
| ECB-5271 | 3,4-DIBROMO-3',4',5'-TRICB | (¹³ C ₁₂ , 99%) 40 UG/ML IN NONANE | 3 ML | ¥568,200 | *C12H5Br3Cl3 |
| ECB-5291 | 4'-BROMO-3,3',4,5-TETRACB | (¹³ C ₁₂ , 99%) 40 UG/ML IN NONANE | 3 ML | ¥568,200 | *C12H5BrCl4 |
| ECB-5292 | 4'-BROMO-2,3',4,5-TETRACB | (¹³ C ₁₂ , 99%) 40 UG/ML IN NONANE | 3 ML | ¥568,200 | *C12H5BrCl4 |
| ECB-5293 | 4'-BROMO-2,3,3',4-TETRACB | (¹³ C ₁₂ , 99%) 40 UG/ML IN NONANE | 3 ML | ¥568,200 | *C12H5BrCl4 |
| ECB-5294 | 4'-BROMO-2,3,3',4,5-PENTACB | (¹³ C ₁₂ , 99%) 40 UG/ML IN NONANE | 3 ML | ¥568,200 | *C12H4BrCl5 |
| ECB-5339 | 4'-BROMO-3,3',4,5,5-PENTACB | (¹³ C ₁₂ , 99%) 40 UG/ML IN NONANE | 3 ML | ¥568,200 | *C12H4BrCl5 |
| ECB-5387 | PXB NATIVE PAR SOLUTION | UNLABELED | 0.5 ML | ¥202,800 | NA |
| ECB-5389 | PXB CLEAN-UP SPIKE | (¹³ C ₁₂ , 99%) | 1.2 ML | ¥728,200 | NA |
| ECB-5390 | PXB CALIBRATION SOLUTIONS CS1-CS5 | (UNLABELED/ ¹³ C ₁₂ , 99%) | 5 X 0.2 ML | ¥866,600 | NA |
| ECB-5390-CS1 | PXB CALIBRATION SOLUTION CS1 | (UNLABELED/ ¹³ C ₁₂ , 99%) | 0.2 ML | ¥192,000 | NA |
| ECB-5390-CS2 | PXB CALIBRATION SOLUTION CS2 | (UNLABELED/ ¹³ C ₁₂ , 99%) | 0.2 ML | ¥192,000 | NA |
| ECB-5390-CS3 | PXB CALIBRATION SOLUTION CS3 | (UNLABELED/ ¹³ C ₁₂ , 99%) | 0.2 ML | ¥192,000 | NA |
| ECB-5390-CS4 | PXB CALIBRATION SOLUTION CS4 | (UNLABELED/ ¹³ C ₁₂ , 99%) | 0.2 ML | ¥192,000 | NA |
| ECB-5390-CS5 | PXB CALIBRATION SOLUTION CS5 | (UNLABELED/ ¹³ C ₁₂ , 99%) | 0.2 ML | ¥192,000 | NA |
| EO-1415-1ML | DECACDE | UNLABELED 50 UG/ML IN ISOCTANE | 1 ML | ¥117,400 | (C6Cl5)2O |
| EO-1447 | 2,3',4,4'-TETRACDE | UNLABELED 50 UG/ML IN NONANE | 1.2 ML | お問い合わせ | C6Cl2H3)2O |
| EO-1448 | 3,3',4,4'-TETRACDE | UNLABELED 50 UG/ML IN NONANE | 1.2 ML | お問い合わせ | C12H6Cl4O |
| EO-1458 | 3,3',4,4',5-PENTACDE | UNLABELED 50 UG/ML IN NONANE | 1.2 ML | お問い合わせ | C12H5Cl5O |
| EO-1459 | 3,3',4,4',5-PENTACDE | (¹³ C ₁₂ , 99%) | 1.2 ML | お問い合わせ | *C12H5Cl5O |
| EO-1469 | 2,3,3',4,4',5-HEXACDE | (¹³ C ₁₂ , 99%) 50 UG/ML IN NONANE | 1.2 ML | お問い合わせ | *C6Cl4HO*C6Cl2H3 |
| EO-1489 | 2,2',3,3',4,4',5-OCTACDE | (¹³ C ₁₂ , 99%) 50 UG/ML IN NONANE | 1.2 ML | お問い合わせ | C12H2Cl8O |
| EO-4118 | 2-MONOCDE | UNLABELED 50 UG/ML IN NONANE | 1.2 ML | お問い合わせ | C12H9ClO |
| EO-4119 | 4-MONOCDE | UNLABELED 50 UG/ML IN NONANE | 1.2 ML | お問い合わせ | C6Cl1H4OC6H5 |
| EO-4120 | 2,4-DICDE | UNLABELED 50 UG/ML IN NONANE | 1.2 ML | お問い合わせ | C6Cl2H3OC6H5 |
| EO-4121 | 2,4'-DICDE | UNLABELED 50 UG/ML IN NONANE | 1.2 ML | お問い合わせ | (C6Cl4)2O |
| EO-4123 | 2,2',4-TRICDE | UNLABELED 50 UG/ML IN NONANE | 1.2 ML | お問い合わせ | C6Cl2H3OC6Cl4H4 |
| EO-4124 | 2',3,4-TRICDE | UNLABELED 50 UG/ML IN NONANE | 1.2 ML | お問い合わせ | C6Cl1H2OC6Cl4H4 |
| EO-4125 | 2,4,4'-TRICDE (CHEM PURITY 95%) | UNLABELED 50 UG/ML IN NONANE | 1.2 ML | お問い合わせ | C6Cl2H3OC6Cl4H4 |
| EO-4127 | 2,2',4,4',5-PENTACDE (96% CHEM. PURE) | UNLABELED 50 UG/ML IN NONANE | 1.2 ML | お問い合わせ | C6Cl3H2OC6Cl2HE |
| EO-4128 | 2,3,4,4',5-PENTACDE | UNLABELED 50 UG/ML IN NONANE | 1.2 ML | お問い合わせ | C5Cl3H2OC6Cl2H3 |
| EO-4178 | 2,4-DICDE | (¹³ C ₁₂ , 99%) 50 UG/ML IN NONANE | 1.2 ML | お問い合わせ | *C12H8Cl2O |
| EO-4907 | 2,3,4,5-TETRACDE | (¹³ C ₁₂ , 99%) 50 UG/ML IN NONANE | 1.2 ML | お問い合わせ | *C12H6Cl4O |
| EO-5051 | 2,2',3,4,5,5-HEXACDE | (¹³ C ₁₂ , 99%) 50 UG/ML IN NONANE | 1.2 ML | お問い合わせ | *C12H4Cl6O |

Flame-Retardant Standards and Standard Mixtures & PCB Standards and Standard Mixtures

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|--------------|---|---|--------|------------|---------------|
| EO-5377 | 2,2',3,4,4',5,6-OCTABDE (BDE-203) | (¹³ C ₁₂ , 99%) 50 UG/ML IN NONANE | 1.2 ML | ¥307,600 | *C12H2Br8O |
| EO-5388 | PXB SYRINGE STANDARD | (¹³ C ₁₂ , 99%) | 1.2 ML | ¥106,600 | NA |
| ES-5529 | PHOSPHORUS FLAME RETARDANT STANDARD MIXTURE | (D, 98%) 10 UG/ML IN ACETONITRILE | 1.2 ML | ¥170,000 | NA |
| ES-5530 | PHOSPHORUS FLAME RETARDANT STANDARD MIXTURE | UNLABELED 10 UG/ML IN ACETONITRILE | 1.2 ML | ¥67,000 | NA |
| ES-5604 | DECHLORANES AND BFR INTERNAL STANDARD MIXTURE | 10 UG/ML IN NONANE/TOLUENE | 1.2 ML | ¥203,000 | NA |
| ES-5606 | DECHLORANES AND BFR NATIVE STANDARD MIXTURE | 10 UG/ML IN NONANE/TOLUENE | 1.2 ML | ¥72,000 | NA |
| PBB-126 | 3,3',4,4',5-PENTABB | UNLABELED 100 UG/ML IN ISOCTANE | 1.2 ML | ¥59,000 | C12H5Br5 |
| PBB-153-CS | 2,2',4,4',5,5'-HEXABB (PBB-153)100UG/ML ISOCTANE | UNLABELED CERTIFIED STANDARD(CP>95%) | 1.2 ML | ¥59,000 | C12H4Br6 |
| PBB-157-CS | 2,3,3',4,4',5'-HEXABB (100 UG/ML IN ISOCTANE) | UNLABELED CERTIFIED STANDARD | 1.2 ML | ¥59,000 | C12H4Br6 |
| PBB-209-CS | DECABB (PBB-209) 50 UG/ML IN ISOCTANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | ¥59,000 | C12Br10 |
| PBB-77-CS | 3,3',4,4',5-TETRABB 100 UG/ML IN ISOCTANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | ¥59,000 | C12H6Br4 |
| PCBB-5272-CS | 3,4-DICHLORO-3',4',5'-TRIBB 100 UG/ML IN ISOCTANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | ¥87,200 | C12H5Br3Cl2</ |

Flame-Retardant Standards and Standard Mixtures

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|--------------|---|---|-----------|------------|--------------|
| BDE-100-CS | 2,2',4,4',6-PENTABDE (BDE-100) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H5Br50 |
| BDE-105-CS | 2,3,3',4,4'-PENTABDE (BDE-105) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H5Br50 |
| BDE-10-CS | 2,6-DIBDE (BDE-10) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H8Br20 |
| BDE-116-CS | 2,3,4,5,6-PENTABDE (BDE-116) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H5Br50 |
| BDE-118-CS | 2,3',4,4',5-PENTABDE (BDE-118) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H5Br50 |
| BDE-119-CS | 2,3',4,4',6-PENTABDE (BDE-119) 50UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12Br5H50 |
| BDE-11-CS | 3,3-DIBDE (BDE-11) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12Br2H80 |
| BDE-120-CS | 2,3',4,5,5'-PENTABDE (BDE-120) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12Br5H50 |
| BDE-126-CS | 3,3',4,4',5-PENTABDE (BDE-126) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12Br5H50 |
| BDE-128-CS | 2,2',3,3',4,4'-HEXABDE (BDE-128) 50UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H4Br60 |
| BDE-12-CS | 3,4-DIBDE (BDE-12) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H8Br20 |
| BDE-138-CS | 2,2',3,4,4',5'-HEXABDE (BDE-138) 50UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H4Br60 |
| BDE-139-CS | 2,2',3,4,4',6-HEXABDE (BDE-139) 50UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H4Br60 |
| BDE-13-CS | 3,4-DIBDE (BDE-13) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H8Br20 |
| BDE-140-CS | 2,2',3,4,4',6'-HEXABDE (BDE-140) | UNLABELED CERTIFIED STANDARD 50 UG/ML IN NONANE | 1.2 ML | \$70,000 | C12H4Br60 |
| BDE-148-CS | 2,2',3,4,5,6'-HEXABDE (BDE-148) | UNLABELED CERTIFIED STANDARD 50 UG/ML IN NONANE | 1.2 ML | \$70,000 | C12H4Br60 |
| BDE-153-CS | 2,2',4,4',5,5'-HEXABDE (BDE-153) 50 UG/ML NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H4Br60 |
| BDE-154-CS | 2,2',4,4',5,6'-HEXABDE (BDE-154) 50UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H4Br60 |
| BDE-155-CS | 2,2',4,4',6,6'-HEXABDE (BDE-155) 50 UG/ML NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H4Br60 |
| BDE-15-CS | 4,4'-DIBDE (BDE-15) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H8Br20 |
| BDE-166-CS | 2,3,4,4',5,6-HEXABDE (BDE-166) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H4Br60 |
| BDE-175-CS | 2,2',3,3',4,5',6-HEPTABDE (BDE-175) | UNLABELED CERTIFIED STANDARD 50 UG/ML IN NONANE | 1.2 ML | \$81,000 | C12H3Br70 |
| BDE-17-CS | 2,2',4-TRIBDE (BDE-17) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H7Br30 |
| BDE-181-CS | 2,2',3,4,4',5,6-HEPTABDE (BDE-181) | UNLABELED CERTIFIED STANDARD 50 UG/ML IN NONANE | 1.2 ML | \$81,000 | C12H3Br70 |
| BDE-183-CS | 2,2',3,4,4',5',6-HEPTABDE (BDE-183) | UNLABELED CERTIFIED STANDARD 50 UG/ML IN NONANE | 1.2 ML | \$81,000 | C12H3Br70 |
| BDE-190-CS | 2,3,3',4,4',5,6-HEPTABDE (BDE-190) 50 UG/ML NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$81,000 | C12H3Br70 |
| BDE-196-CS | 2,2',3,3',4,4',5,6'-OCTABDE (BDE-196) | UNLABELED CERTIFIED STANDARD 50 UG/ML IN NONANE | 1.2 ML | \$82,000 | C12H2Br80 |
| BDE-197-CS | 2,2',3,3',4,4',6,6'-OCTABDE (BDE-197) | UNLABELED CERTIFIED STANDARD 50 UG/ML IN NONANE | 1.2 ML | \$81,000 | C12H2Br80 |
| BDE-1-CS | 2-MONOBDE (BDE-1) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H9Br0 |
| BDE-203-CS | 2,2',3,4,4',5,5',6-OCTABDE (BDE-203) | UNLABELED CERTIFIED STANDARD 50 UG/ML IN NONANE | 1.2 ML | \$81,000 | C12H2Br80 |
| BDE-204-CS | 2,2',3,4,4',5,6,6'-OCTABDE (BDE-204) | UNLABELED CERTIFIED STANDARD 50 UG/ML IN NONANE | 1.2 ML | \$81,000 | C12H2Br80 |
| BDE-205-CS | 2,3,3',4,4',5,5',6-OCTABDE (BDE-205) | UNLABELED CERTIFIED STANDARD 50 UG/ML IN NONANE | 1.2 ML | \$81,000 | C12H2Br80 |
| BDE-206-CS | 2,2',3,3',4,4',5,5',6-NONABDE (BDE-206) | UNLABELED CERTIFIED STANDARD 50 UG/ML IN NONANE | 1.2 ML | \$81,000 | C12HBr90 |
| BDE-207-CS | 2,2',3,3',4,4',5,6,6'-NONABDE (BDE-207) | UNLABELED CERTIFIED STANDARD 50 UG/ML IN NONANE | 1.2 ML | \$81,000 | C12HBr90 |
| BDE-208-CS | 2,2',3,3',4,5,5',6,6'-NONABDE (BDE-208) | UNLABELED CERTIFIED STANDARD 50 UG/ML IN NONANE | 1.2 ML | \$81,000 | C12HBr90 |
| BDE-209-CS | DECABDE (BDE-209) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12Br100 |
| BDE-25-CS | 2,3',4-TRIBDE (BDE-25) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H7Br30 |
| BDE-28-CS | 2,4,4'-TRIBDE (BDE-28) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H7Br30 |
| BDE-2-CS | 3-MONOBDE (BDE-2) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12Br9H0 |
| BDE-30-CS | 2,4,6-TRIBDE (BDE-30) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H7Br30 |
| BDE-32-CS | 2,4',6-TRIBDE (BDE-32) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H7Br30 |
| BDE-33-CS | 2',3,4-TRIBDE (BDE-33) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H7Br30 |
| BDE-35-CS | 3,3',4-TRIBDE (BDE-35) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H7Br30 |
| BDE-37-CS | 3,4,4'-TRIBDE (BDE-37) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H7Br30 |
| BDE-3-CS | 4-MONOBDE (BDE-3) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H9Br0 |
| BDE-47-CS | 2,2',4,4'-TETRABDE (BDE-47) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H6Br40 |
| BDE-49-CS | 2,2',4,5-TETRABDE (BDE-49) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H6Br40 |
| BDE-51-CS | 2,2',4,6-TETRABDE (BDE-51) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H6Br40 |
| BDE-66-CS | 2,3',4,4'-TETRABDE (BDE-66) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H6Br40 |
| BDE-71-CS | 2,3',4,6-TETRABDE (BDE-71) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H6Br40 |
| BDE-75-CS | 2,4,4',6-TETRABDE (BDE-75) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H6Cl40 |
| BDE-77-CS | 3,3',4,4'-TETRABDE (BDE-77) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H6Br40 |
| BDE-79-CS | 3,3',4,5-TETRABDE (BDE-79) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H6Br40 |
| BDE-7-CS | 2,4-DIBDE (BDE-7) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H8Br20 |
| BDE-85-CS | 2,2',3,4,4'-PENTABDE (BDE-85) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12Br5H50 |
| BDE-8-CS | 2,4'-DIBDE (BDE-8) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12H8Br20 |
| BDE-99-CS | 2,2',4,4',5-PENTABDE (BDE-99) 50 UG/ML IN NONANE | UNLABELED CERTIFIED STANDARD | 1.2 ML | \$70,000 | C12Br5H50 |
| DLM-1947-0.1 | 4-BROMOPHENYL PHENYL ETHER (PHENYL-D ₉ , 98%) | 0.1 G | お問い合わせ | | BrC6H40C6D05 |
| EB-5055 | 3,3',4,4'-TETRABB (PBB-77) (¹³ C ₁₂ , 99%) 40+/4 UG/ML IN NONANE | 3 ML | \$296,800 | *C12H6Br4 | |
| EB-5056 | 3,3',4,4',5-PENTABB (PBB-126) (¹³ C ₁₂ , 99%) 40+/4 UG/ML IN NONANE | 3 ML | \$296,800 | *C12H5Br5 | |

Flame-Retardant Standards and Standard Mixtures

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|-------------|---|--|--------|------------|------------|
| EB-5106 | 2,3,3',4,4',5'-HEXABB (PBB-157) 96% CHEMICAL PURITY | (¹³ C ₁₂ , 99%) 40+/4 UG/ML IN NONANE | 3 ML | \$296,800 | *C12H4Br6 |
| EB-5162 | 2,2',4,4',5,5'-HEXABB (PBB-153) | (¹³ C ₁₂ , 99%) 40+/4 UG/ML IN NONANE | 3 ML | \$296,800 | *C12H4Br6 |
| EB-5439 | DECABB (PBB-209) | (¹³ C ₁₂ , 99%) 40+/4 UG/ML IN NONANE | 3 ML | \$296,800 | *C12Br10 |
| EO-1439 | 3,3',4,4'-TETRABDE (BDE-77) | (¹³ C ₁₂ , 99%) 50 UG/ML IN NONANE | 1.2 ML | \$307,600 | *C12H6Br40 |
| EO-1614-KIT | US EPA METHOD 1614 | "STARTER KIT" | 1 KIT | \$689,200 | NA |
| EO-4930 | 3,3',4,4',5-PENTABDE (BDE-126) | (¹³ C ₁₂ , 99%) 50 UG/ML IN NONANE | 1.2 ML | \$211,400 | *C12H5Br50 |
| EO-4958-1.2 | BROMKAL 70-5 DIPHENYL ETHER | UNLABELED 50 UG/ML IN METHANOL | 1.2 ML | \$106,600 | NA |
| EO-4982 | 2,2',4,4'-TETRABDE (BDE-47) | (¹³ C ₁₂ , 99%) 50 UG/ML IN NONANE | 1.2 ML | \$259,400 | *C12H6Br40 |
| EO-4983 | 2,2',4,4',5-PENTABDE (BDE-99) | (¹³ C ₁₂ , 99%) 50 UG/ML IN NONANE | 1.2 ML | \$307,600 | *C12H5Br50 |
| EO-4984 | 2,2',4,4',5,5'-HEXABDE (BDE-153) | (¹³ C ₁₂ , 99%) 50 UG/ML IN NONANE | 1.2 ML | \$307,600 | *C12H4Br60 |
| EO-4985 | 2,2',3,4,4',5,6-HEPTABDE (BDE-183) | (¹³ C ₁₂ , 99%) 50 UG/ML IN NONANE | 1.2 ML | \$307,600 | *C12H3Br70 |
| EO-4993 | 2,2',4,4',6-PENTABDE (BDE-100) | (¹³ C ₁₂ , 99%) 50 UG/ML IN NONANE | 1.2 ML | \$307,600 | *C12H5Br50 |
| EO-4999 | 4-MONOBDE (BDE-3) | (¹³ C ₁₂ , 99%) 50 UG/ML IN NONANE | 1.2 ML | \$259,400 | *C12H9Br0 |
| EO-5001 | 4,4'-DIBDE (BDE-15) | (¹³ C ₁₂ , 99%) 50 UG/ML IN NONANE | 1.2 ML | \$259,400 | *C12H8Br20 |
| EO-5002 | | | | | |

Flame-Retardant Standards and Standard Mixtures

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|------------------|---|--|------------|-------------|--------------|
| EO-5319-A-CS5 | CDC BFR CALIBRATION STANDARD CS5 | (UNLABELED/ ¹³ C ₁₂ , 99%) IN NONANE | 0.5 ML | \$192,000 | See SDS |
| EO-5319-A-CS6 | CDC BFR CALIBRATION STANDARD CS6 | (UNLABELED/ ¹³ C ₁₂ , 99%) IN NONANE | 0.5 ML | \$192,000 | See SDS |
| EO-5319-A-CS7 | CDC BFR CALIBRATION STANDARD CS7 | (UNLABELED/ ¹³ C ₁₂ , 99%) IN NONANE | 0.5 ML | \$192,000 | See SDS |
| EO-5319-A-CS8 | CDC BFR CALIBRATION STANDARD CS8 | (UNLABELED/ ¹³ C ₁₂ , 99%) IN NONANE | 0.5 ML | \$192,000 | See SDS |
| EO-5319-A-CS9 | CDC BFR CALIBRATION STANDARD CS9 | (UNLABELED/ ¹³ C ₁₂ , 99%) IN NONANE | 0.5 ML | \$192,000 | See SDS |
| EO-5320-200X-1.2 | CDC BFR SPIKING STANDARD | (¹³ C ₁₂ , 99%) 200X STOCK IN NONANE/TOLUENE | 1.2 ML | \$932,400 | NA |
| EO-5320-A | CDC BFR SPIKING STANDARD | (¹³ C ₁₂ , 99%) IN METHANOL | 10 ML | \$280,800 | NA |
| EO-5320-A-5X10ML | CDC BFR SPIKING STANDARD | (¹³ C ₁₂ , 99%) IN METHANOL | 5 X 10 ML | \$1,044,200 | NA |
| EO-5337 | 2,2',3,3',4,4',6,6'-OCTABDE (BDE-197) | (¹³ C ₁₂ , 99%) 50 UG/ML IN NONANE | 1.2 ML | \$307,600 | *C12H2Br80 |
| EO-5355 | 2,2',3,4,4',5,6,6'-OCTABDE (BDE-204) | (¹³ C ₁₂ , 99%) 50 UG/ML IN NONANE | 1.2 ML | \$307,600 | *C12H2Br80 |
| EO-5362 | 2,3,3',4,4',5,5',6-OCTABDE (BDE-205) | (¹³ C ₁₂ , 99%) 50 UG/ML IN NONANE | 1.2 ML | \$307,600 | *C12H2Br80 |
| EO-5376 | 2,3,3',4,4',5,6-HEPTABDE (BDE-190) | (¹³ C ₁₂ , 99%) 50 UG/ML IN NONANE | 1.2 ML | \$307,600 | *C12H3Br70 |
| EO-5402 | ROHS PBDE CALIBRATION SOLUTIONS CS1-CS5 | (UNLABELED/ ¹³ C ₁₂ , 99%) IN NONANE | 5 X 0.2 ML | \$856,200 | NA |
| EO-5402-CS1 | ROHS PBDE CALIBRATION SOLUTION CS1 | (UNLABELED/ ¹³ C ₁₂ , 99%) IN NONANE | 0.2 ML | \$192,000 | NA |
| EO-5402-CS2 | ROHS PBDE CALIBRATION SOLUTION CS2 | (UNLABELED/ ¹³ C ₁₂ , 99%) IN NONANE | 0.2 ML | \$192,000 | NA |
| EO-5402-CS3 | ROHS PBDE CALIBRATION SOLUTION CS3 | (UNLABELED/ ¹³ C ₁₂ , 99%) IN NONANE | 0.2 ML | \$192,000 | NA |
| EO-5402-CS4 | ROHS PBDE CALIBRATION SOLUTION CS4 | (UNLABELED/ ¹³ C ₁₂ , 99%) IN NONANE | 0.2 ML | \$192,000 | NA |
| EO-5402-CS5 | ROHS PBDE CALIBRATION SOLUTION CS5 | (UNLABELED/ ¹³ C ₁₂ , 99%) IN NONANE | 0.2 ML | \$192,000 | NA |
| EO-5403 | ROHS PBDE CLEANUP SPIKE | (¹³ C ₁₂ , 99%) IN NONANE | 1.2 ML | \$272,000 | NA |
| EO-5403-10X-1.2 | ROHS PBDE CLEANUP 10X STOCK | (¹³ C ₁₂ , 99%) IN NONANE | 1.2 ML | \$1,134,800 | NA |
| EO-5404 | ROHS PBDE SYRINGE SPIKE | (¹³ C ₁₂ , 99%) IN NONANE | 1.2 ML | \$88,800 | *C12H4Cl6 |
| EO-5405 | ROHS PBDE NATIVE PAR SPIKE | UNLABELED IN NONANE | 1.2 ML | \$277,200 | NA |
| EO-5413 | 2,2',4,4',6,6'-HEXABDE (BDE-155) | (¹³ C ₁₂ , 99%) 50 UG/ML IN NONANE | 1.2 ML | \$259,400 | *C12H4Br60 |
| EO-5426 | ROHS SCREENING PBDE CLEANUP SPIKE | (¹³ C ₁₂ , 99%) | 1.2 ML | \$344,800 | NA |
| EO-5428 | ROHS SCREENING PBDE NATIVE PAR SPIKE | UNLABELED | 1.2 ML | \$67,600 | NA |
| EO-5506 | PBDE SURROGATE STANDARD | (¹³ C ₁₂ , 99%) 200 NG/ML IN NONANE | 1.2 ML | \$98,000 | NA |
| EO-5507 | PBDE INJECTION INTERNAL STANDARD | (¹³ C ₁₂ , 99%) 200 NG/ML IN NONANE | 1.2 ML | \$98,000 | NA |
| EO-5508 | PBDE NATIVE SURROGATE STANDARD | UNLABELED 200 NG/ML IN NONANE | 1.2 ML | \$30,400 | NA |
| EO-5509 | PBDE INJECTION INTERNAL STANDARD | UNLABELED 200 NG/ML IN NONANE | 1.2 ML | \$30,400 | NA |
| EO-5617 | CDC BFR PAR SOLUTION | UNLABELED 1000 NG/ML IN NONANE | 1.2 ML | \$215,200 | NA |
| EO-5624 | PBDE ALT SURROGATE STANDARD MIXTURE | (¹³ C ₁₂ , 99%) 5 UG/ML IN NONANE | 1.2 ML | \$222,200 | NA |
| EO-5625 | PBDE ALT INTERNAL STANDARD MIXTURE | (¹³ C ₁₂ , 99%) 5 UG/ML IN NONANE | 1.2 ML | \$147,800 | NA |
| MEOBDE-5153-1.2 | 2'-METHOXY-2,3',4,5'-TETRABDE | UNLABELED 50 UG/ML IN NONANE | 1.2 ML | \$176,000 | C13H8Br402 |
| MEOBDE-5203-1.2 | 4-METHOXY-2,2',3,4'-TETRABDE | UNLABELED 50 UG/ML IN NONANE | 1.2 ML | \$176,000 | NA |
| MEOBDE-5205-1.2 | 6-METHOXY-2,2',4,4'-TETRABDE | UNLABELED 50 UG/ML IN NONANE | 1.2 ML | \$176,000 | C13H8Br402 |
| MEOBDE-5207-1.2 | 3-METHOXY-2,2',4,4'-TETRABDE | UNLABELED 50 UG/ML IN NONANE | 1.2 ML | \$176,000 | NA |
| MEOBDE-5209-1.2 | 5-METHOXY-2,2',4,4'-TETRABDE | UNLABELED 50 UG/ML IN NONANE | 1.2 ML | \$176,000 | NA |
| MEOBDE-5211-1.2 | 4'-METHOXY-2,2',4,5'-TETRABDE | UNLABELED 50 UG/ML IN NONANE | 1.2 ML | \$176,000 | NA |
| MEOBDE-5227-1.2 | 6-METHOXY-2,2',4,4',5-PENTABDE | UNLABELED 50 UG/ML IN NONANE | 1.2 ML | \$176,000 | C13H7Br502 |
| MEOBDE-5260-1.2 | 6-METHOXY-2,2',4,4'-TETRABDE | (RING- ¹³ C ₁₂ , 99%) 50 UG/ML IN NONANE | 1.2 ML | \$355,200 | *C12CH8Br402 |
| OHBDE-5190-1.2 | 6-HYDROXY-2,2',4,4'-TETRABDE 92%+ PURE | (RING- ¹³ C ₁₂ , 99%); 50 UG/ML IN TOLUENE | 1.2 ML | \$355,200 | C12H6Br402 |
| OHBDE-5191-1.2 | 2-HYDROXY-2',4,4',5,6-PENTABDE | (RING- ¹³ C ₁₂ , 99%) 94% PURE 50 UG/ML IN TOLUENE | 1.2 ML | \$355,200 | *C12H5Br502 |
| OHBDE-5206-1.2 | 6-HYDROXY-2,2',4,4'-TETRABDE | UNLABELED (CP 95%) 50 UG/ML IN NONANE | 1.2 ML | \$185,000 | C12H6Br402 |
| OHBDE-5212-1.2 | 4'-HYDROXY-2,2',4,5'-TETRABDE | UNLABELED 50 UG/ML IN NONANE | 1.2 ML | \$185,000 | C12H6Br402 |
| OHBDE-5228-1.2 | 6-HYDROXY-2,2',4,4',5-PENTABDE | UNLABELED 50 UG/ML IN NONANE | 1.2 ML | \$185,000 | C12H5Br502 |

Priority Pollutant, Endocrine Disruptor, and Chemical Contaminant Standards

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|-------------------|---|--|--------|------------|-------------------------|
| DLM-8117-0.25 | HEXADECYLTRIMETHYLAMMONIUM BROMIDE | (D ₄₂ , 98%) | 0.25 G | \$249,400 | CD3(CD2)15(Br)CD3 |
| DLM-841-1 | ANISOLE | (METHOXY-D ₃ , 99%) | 1 G | \$44,400 | C6H5OCD3 |
| ULM-9140-1.2 | CHOLESTEROL | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | \$40,600 | C27H46O |
| CDLM-10030-MT-1.2 | ERYTHROMYCIN (97% PURE) | (N-METHYL- ¹³ C, 99%, D ₃ , 98%) 100 UG/ML IN MTBE | 1.2 ML | \$192,000 | C36*CH64D3N013 |
| CDLM-7665-1.2 | DL-NAPROXEN 100 UG/ML IN ACETONITRILE | (O-METHYL- ¹³ C, 99%; O-METHYL-D ₃ , 98%) | 1.2 ML | \$184,000 | *CC13D3H1103 |
| CLM-10232-1.2 | DODECAMETHYLCYCLOHEXASILOXANE "D6" | (METHYL- ¹³ C ₆ , 98%) 100 UG/ML IN METHANOL | 1.2 ML | \$274,000 | C6*C6H306Si6 |
| CLM-10447-1.2 | 4-ISOPROPYL-3-METHYLPHENOL | (ISOPROPYL- ¹³ C ₃ , 99%) 100 UG/ML IN METHANOL | 1.2 ML | \$136,600 | (*CH3)2*CH6H3(CH3)OH |
| CLM-10448-1.2 | 5-ISOPROPYL-2-METHYLPHENOL | (ISOPROPYL- ¹³ C ₃ , 99%) 100 UG/ML IN METHANOL | 1.2 ML | \$136,600 | (*CH3)2*CH6H3(CH3)OH |
| CLM-10449-1.2 | 3-METHYL-4-NITROPHENOL | (¹³ C ₆ , 99%) (CP 95%) 100 UG/ML IN METHANOL | 1.2 ML | \$128,000 | CH3*C6H3(NO2)OH |
| CLM-10450-1.2 | N-PENTYL PARABEN (N-PENTYL 4-HYDROXYBENZOATE) | (¹³ C ₆ , 99%) 1 MG/ML IN METHANOL | 1.2 ML | \$144,600 | H0*C6H4COO(CH2)4CH3 |
| CLM-10451-1.2 | N-HEPTYL PARABEN (N-HEPTYL 4-HYDROXYBENZOATE) | (RING- ¹³ C ₆ , 99%) 1 MG/ML IN METHANOL | 1.2 ML | \$144,600 | H0*C6H4COO(CH2)6CH3 |
| CLM-10452-1.2 | 4-TERT-OCTYLPHENOL (95% CP) | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN METHANOL | 1.2 ML | \$173,400 | C8*C6H220 |
| CLM-10453-1.2 | 2-ISOPROPYL-5-METHYLPHENOL | (ISOPROPYL- ¹³ C ₃ , 99%) 100 UG/ML IN METHANOL | 1.2 ML | \$145,600 | C7*C3H140 |
| CLM-10666-PK | DL-MANDELIC ACID | (¹³ C ₆ , 99%) | G | お問い合わせ | *C8H8O3 |
| CLM-3045-0.01 | SULFAMETHAZINE | (PHENYL- ¹³ C ₆ , 99%) | 0.01 G | \$196,600 | H2N*C6H4SO2NH(C6N2H7) |
| CLM-3045-1.2 | SULFAMETHAZINE | (PHENYL- ¹³ C ₆ , 90%) 100 UG/ML IN ACETONITRILE | 1.2 ML | \$173,400 | H2N*C6H4SO2NH(C6N2H7) |
| CLM-3253-0.5 | BENZOPHENONE | (CARBONYL- ¹³ C, 98%) | 0.5 G | \$177,400 | (C6H5)2*CO |
| CLM-3375-1.2 | ETHYNYLESTRADIOL(97% CHEMICAL PURITY) | (20,21- ¹³ C ₂ , 99%) 100 UG/ML IN ACETONITRILE | 1.2 ML | \$131,400 | C18*C2H2402 |
| CLM-3733-1.2 | O-PHENYLPHENOL | (PHENYL- ¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | \$161,000 | *C6H5C6H40H |
| CLM-4306-1.2 | P-N-NONYLPHENOL | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | \$169,000 | C9H19*C6H40H |
| CLM-4306-M-1.2 | P-N-NONYLPHENOL | (¹³ C ₆ , 99%) 100 UG/ML IN METHANOL | 1.2 ML | \$169,000 | C9H19*C6H40H |
| CLM-4307-1.2 | P-N-NONYLPHENOL DIETHOXYLATE | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | \$187,000 | C3(CH2)8*C6H40(C2H4O)2H |
| CLM-4307-M-1.2 | P-N-NONYLPHENOL DIETHOXYLATE | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN METHANOL | 1.2 ML | \$187,000 | C3(CH2)8*C6H40(C2H4O)2H |
| CLM-4325-1.2 | BISPHENOL A | (RING- ¹³ C ₁₂ , 99%) 100 UG/ML IN ACETONITRILE | 1.2 ML | \$125,000 | (CH3)2C1*C6H4OH2 |
| CLM-4512-1.2 | P-N-NONYLPHENOL MONOETHOXYLATE | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | \$187,000 | C3(CH2)8*C6H40C2H4OH |
| CLM-4512-M-1.2 | P-N-NONYLPHENOL MONOETHOXYLATE | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN METHANOL | 1.2 ML | \$187,000 | C3(CH2 |

Priority Pollutant, Endocrine Disruptor, and Chemical Contaminant Standards

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|-----------------|---|--|--------|------------|------------------------------------|
| CLM-8019-0.1MG | DL-4-METHOXYESTRADIOL | (13,14,15,16,17,18- ¹³ C ₆ , 99%) | 0.1 MG | ¥182,000 | C13*C6H2603 |
| CLM-803-1.2 | ESTRADIOL | (3,4- ¹³ C ₂ , 99%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥136,600 | C16*C2H2402 |
| CLM-8033-0.1MG | DL-ESTRONE 3-METHYL ETHER | (13,14,15,16,17,18- ¹³ C ₆ , 99%) | 0.1 MG | ¥182,000 | C13*C6H2402 |
| CLM-803-PK | ESTRADIOL | (3,4- ¹³ C ₂ , 99%) | G | お問い合わせ | C16*C2H2402 |
| CLM-8249-1.2 | METHYL PARABEN (METHYL 4-HYDROXYBENZOATE) | (RING- ¹³ C ₆ , 99%) 1 MG/ML IN METHANOL | 1.2 ML | ¥131,400 | *C6C2H803 |
| CLM-8285-1.2 | N-BUTYL PARABEN (N-BUTYL 4-HYDROXYBENZOATE) | (RING- ¹³ C ₆ , 99%) 1 MG/ML IN METHANOL | 1.2 ML | ¥144,600 | H0*C6H4C02(CH2)3CH3 |
| CLM-8356-1.2 | 4-(1,3-DIMETHYL-1-ETHYLPHENYL)PHENOL | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN METHANOL | 1.2 ML | ¥182,000 | C9*C6H240 |
| CLM-8357-1.2 | 4-(1,4-DIMETHYL-1-ETHYLPHENYL)PHENOL | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN METHANOL | 1.2 ML | ¥182,000 | C9*C6H240 |
| CLM-8358-1.2 | 4-(1,1,5-TRIMETHYLHEXYL)PHENOL | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN METHANOL | 1.2 ML | ¥182,000 | *C6C9H240 |
| CLM-8359-1.2 | 4-(1-ETHYL-1-METHYLHEXYL)PHENOL | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN METHANOL | 1.2 ML | ¥182,000 | *C6C9H240 |
| CLM-8525-1.2 | OXYBENZONE | (PHENYL- ¹³ C ₆ , 99%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥156,400 | H0C6H3(OCH3)CO*C6H5 |
| CLM-9319-1.2 | BISPHENOL S | (¹³ C ₁₂ , 98%) 100 UG/ML IN METHANOL | 1.2 ML | ¥144,600 | *C12H1004S |
| CLM-9349-1.2 | 4-DODECYLBENZENESULFONIC ACID, SODIUM SALT(CP 94%) | (RING- ¹³ C ₆ , 99%) 10 UG/ML IN METHANOL | 1.2 ML | ¥128,000 | C12*C6H29Na03S |
| CLM-9436-MT-1.2 | OCTAMETHYLCYCLOTETRAISILOXANE "D4" | (OCTAMETHYL- ¹³ C ₈ , 98%) 100 UG/ML IN MTBE | 1.2 ML | ¥274,000 | *C8H2404Si4 |
| CLM-9437-MT-1.2 | DECAMETHYLCYCLOPENTASILOXANE "D5" | (DECAMETHYL- ¹³ C ₁₀ , 98%) 100 UG/ML IN MTBE | 1.2 ML | ¥274,000 | *C10H3005Si5 |
| CLM-9542-1.2 | HEXAMETHYLCYCLOTRISILOXANE "D3" | (¹³ C ₆ , 98%) 100 UG/ML IN MTBE | 1.2 ML | ¥284,000 | *C6H1803Si3 |
| CLM-9587-1.2 | CHOLESTEROL | (23,24,25,26,27- ¹³ C ₅ , 99%) 100 UG/ML IN METHANOL | 1.2 ML | ¥141,000 | C22*C5H460 |
| CLM-9761-1.2 | ETHYL PARABEN (ETHYL 4-HYDROXYBENZOATE) | (RING- ¹³ C ₆ , 99%) 1 MG/ML IN METHANOL | 1.2 ML | ¥133,000 | H0*C6H4C02C2H5 |
| CLM-9763-1.2 | N-PROPYL PARABEN (N-PROPYL 4-HYDROXYBENZOATE) | (RING- ¹³ C ₆ , 99%) 1 MG/ML IN METHANOL | 1.2 ML | ¥141,000 | H0*C6H4C02CH2CH2CH3 |
| CLM-9776-1.2 | BISPHENOL AF | (RING- ¹³ C ₁₂ , 99%) 100 UG/ML IN METHANOL | 1.2 ML | ¥141,000 | C3*C12H10F602 |
| CLM-9845-1.2 | ISOPROPYL PARABEN (ISOPROPYL 4-HYDROXYBENZOATE) | (RING- ¹³ C ₆ , 99%) 1 MG/ML IN METHANOL | 1.2 ML | ¥144,600 | C4*C6H1203 |
| CLM-9847-1.2 | ISOBUTYL PARABEN (ISOBUTYL 4-HYDROXYBENZOATE) | (RING- ¹³ C ₆ , 99%) 1 MG/ML IN METHANOL | 1.2 ML | ¥144,600 | C5*C6H1403 |
| CLM-9849-1.2 | BENZYL PARABEN (BENZYL 4-HYDROXYBENZOATE) | (RING- ¹³ C ₆ , 99%) 1 MG/ML IN METHANOL | 1.2 ML | ¥144,600 | H0*C6H4COOCH2C6H5 |
| CLM-9851-1.2 | BISPHENOL B | (RING- ¹³ C ₁₂ , 99%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥144,600 | C4*C12H1802 |
| CLM-9866-1.2 | BISPHENOL F | (RING- ¹³ C ₁₂ , 99%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥144,600 | CH2*(C6H4OH)2 |
| CLM-9867-1.2 | BISPHENOL F DIGLYCIDYL ETHER (BFDGE) | (RING- ¹³ C ₁₂ , 99%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥165,000 | C7*C12H2004 |
| CNL-3726-1 | ACETAMINOPHEN | (ACETYL- ¹³ C ₂ , 99%; 15N, 98%+) | 1 G | ¥798,000 | *CH3*CO*NHC6H4OH |
| CNL-3726-1.2 | ACETAMINOPHEN | (ACETYL- ¹³ C ₂ , 99%; 15N, 98%+) 100 UG/ML IN CH3CN | 1.2 ML | ¥192,000 | *CH3*CO*NHC6H4OH |
| CNL-411-0.01 | 5,5-DIPHENYLHYDANTOIN | (2- ¹³ C, 99%; 1,3-15N2, 98%+) | 0.01 G | ¥59,200 | *CC14H12*N202 |
| CNL-411-0.05 | 5,5-DIPHENYLHYDANTOIN | (2- ¹³ C, 99%; 1,3-15N2, 98%+) | 0.05 G | ¥224,400 | *CC14H12*N202 |
| CNL-411-1.2 | 5,5-DIPHENYLHYDANTOIN | (2- ¹³ C, 99%; 1,3-15N2, 98%) 100 UG/ML IN METHANOL | 1.2 ML | ¥119,600 | *CC14H12*N202 |
| CNL-7221-1.2 | SEMICARBAZIDE HYDROCHLORIDE (SEM) | (¹³ C, 99%; 15N2, 98%) 100 UG/ML IN METHANOL | 1.2 ML | ¥254,000 | *CH5*N2NO-CIH |
| CNL-7539-1.2 | CIPROFLOXACIN:HCL 100 UG/ML IN METHANOL | (2,3,CARBOXYL- ¹³ C ₃ , 99%; QUINOLINE-15N, 98%) | 1.2 ML | ¥182,000 | C14*C3H18FN2*NO3-HCl |
| COLM-9061-1.2 | TESTOSTERONE 100 UG/ML IN METHYLENE CHLORIDE | (3,4- ¹³ C ₂ , 99%; 17-180, 98%) | 1.2 ML | ¥136,600 | C17*C2H280*0 |
| DLM-10574-PK | ALEXIDINE:2HCL | (D ₁₀ , 98%) 97% CHEMICAL PURITY | G | お問い合わせ | C26H48D10C12N10 |
| DLM-10766-PK | AZTREONAM | (D ₆ , 98%) 95% CHEMICAL PURITY | G | お問い合わせ | C13H11D6N5O8S2 |
| DLM-10921-1.2 | METHYL PARABEN (METHYL 4-HYDROXYBENZOATE) | (2,3,5,6-D ₄ , 98%) 1 MG/ML IN METHANOL-OD | 1.2 ML | ¥111,000 | H0C6D4C0OCH3 |
| DLM-10922-1.2 | N-PROPYL PARABEN (N-PROPYL 4-HYDROXYBENZOATE) | (2,3,5,6-D ₄ , 98%) 1 MG/ML IN METHANOL-OD | 1.2 ML | ¥119,600 | H0C6D4C0OCH2CH2CH3 |
| DLM-10923-1.2 | BISPHENOL S (100 UG/ML IN METHANOL-OD) | (2,2',3,3',5,5',6,6'-D ₈ , 98%) | 1.2 ML | ¥112,000 | C12H2D804S |
| DLM-10924-1.2 | BISPHENOL F | (D ₁₀ , 98%) 100 UG/ML IN METHANOL-OD | 1.2 ML | ¥112,000 | C13H2D1002 |
| DLM-10925-M-1.2 | P-NONYLPHENOL | (RING-D ₄ , OD, 98%) 100 UG/ML IN METHANOL-OD | 1.2 ML | ¥133,000 | CH3(CH2)8C6D4OD |
| DLM-1119-0.005 | (+/-)-CHLORAMPHENICOL | (RING-D ₄ , BENZYL-D ₁ , 98%) | 5 MG | ¥247,600 | N02D64C0(O)CH(NH)CO2D2O2H |
| DLM-1119-0.01 | (+/-)-CHLORAMPHENICOL | (RING-D ₄ , BENZYL-D ₁ , 98%) | 0.01 G | ¥387,600 | N02D64C0(O)CH(NH)CO2D2O2H |
| DLM-1119-1.2 | (+/-)-CHLORAMPHENICOL | (RING-D ₄ , BENZYL-D ₁ , 98%) 100 UG/ML IN CH3CN | 1.2 ML | ¥47,400 | N02D64C0(O)CH(NH)CO2D2O2H |
| DLM-1540-0.05 | BISPHENOL A | (RING-D ₆ , 98%) | 0.05 G | ¥56,800 | (CH3)2C(C6D4OH)2 |
| DLM-1540-0.5 | BISPHENOL A | (RING-D ₆ , 98%) | 0.5 G | ¥286,800 | (CH3)2C(C6D4OH)2 |
| DLM-1632-1.2 | DIETHYLENE GLYCOL 95% CHEMICAL PURITY | (D ₆ , 98%) 1 MG/ML IN METHANOL | 1.2 ML | ¥86,000 | C4H2D803 |
| DLM-170-D-1.2 | DIETHYLSTILBESTROL(CIS/TRANS MIX) 100UG/ML IN DIOXANE | (RING-3,3',5,5'-DIETHYL-1,1',1'-D ₈ , 98%) | 1.2 ML | ¥119,600 | H0C6D2H2(CH3CD2)C-C(CD2CH3)C6H2D2O |
| DLM-183-1.2 | BENZOPHENONE | (D ₁₀ , 98%) 100 UG/ML IN NONANE | 1.2 ML | ¥109,400 | (C6D5)2CO |
| DLM-183-5 | BENZOPHENONE | (D ₁₀ , 98%) | 5 G | ¥211,400 | (C6D5)2CO |
| DLM-1839-0.1 | BISPHENOL A | (D ₆ , 98%) | 0.1 G | ¥46,800 | (C6D5)2C(C6D4OD)2 |
| DLM-1839-1 | BISPHENOL A | (D ₆ , 98%) | 1 G | ¥169,600 | (C6D5)2C(C6D4OD)2 |

Priority Pollutant, Endocrine Disruptor, and Chemical Contaminant Standards

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|----------------|-------------------------|--|--------|------------|--------------------------|
| DLM-2097-1 | TETRAMETHYL BISPHENOL A | (ISOPROPYL-D ₆ , 98%) | 1 G | お問い合わせ | (HO)(CH3)(CH3)C6H2(CD3)2 |
| DLM-2218-0.1MG | CORTISOL | (9,11,12,12-D ₄ , 98%) | 0.1 MG | ¥173,400 | C21H26D4O5 |
| DLM-2444-1 | 2-OCTYL-1-DODECANOL | (D ₄₁ , 98%) | 1 G | ¥446,800 | C9D3(CD2)3CD1(CD17)CD20H |
| DLM-259-1 | BENZYL CHLORIDE | (D ₇ , 98%) + 0.1% PROPYLENE OXIDE) | 1 G | ¥66,600 | C6D5CD2CI |
| DLM-259-5 | BENZYL CHLORIDE | (D ₇ , 98%) + 0.1% PROPYLENE OXIDE) | 5 G | ¥187,800 | C6D5CD2CI |
| DLM-2774-1.2 | BISPHENOL A | (RING-3,3',5,5'-D ₄ , 97%) 100 UG/ML IN METHANOL-OD | 1.2 ML | お問い合わせ | C15D4H12O2 |
| DLM-2775-0.1 | BISPHENOL A | (PROPANE-D ₆ , 98%) | 0.1 G | ¥57,400 | (CD3)2C(GH4OH)2 |
| DLM-2775-1 | BISPHENOL A | (PROPANE-D ₆ , 98%) | 1 G | ¥204,800 | (CD3)2C(GH4OH)2 |
| DLM-2806-1.2 | CARBAMAZEPINE | (D ₁₀ , 98%) 100 UG/ML IN ACETONITRILE-D ₃ | 1.2 ML | ¥182,000 | C15D10H2N20 |
| DLM-3008-1.2 | AMITRIPTYLINE:HCL | (N,N-DIMETHYL-D ₆ , 98%) 100 UG/ML IN METHANOL | 1.2 ML | ¥71,000 | C20H17D6N.HCl |
| DLM-3025-0.01 | 5,5-DIPHENYLHYDANTOIN | (PHENYL-D ₅ , 98%) | 0.01 G | ¥169,000 | C15D5H7N202 |
| DLM-3039-0.05 | PHENYL BUTAZONE | (DIPHENYL-D ₁₀ , 98%) | 0.05 G | ¥199,200 | C19H10D10N202 |
| DLM-3039-0.1 | PHENYL BUTAZONE | (DIPHENYL-D ₁₀ , 98%) | 0.1 G | ¥355,200 | C19H10D10N202 |
| DLM-3039-1MG | PHENYL BUTAZONE | (DIPHENYL-D ₁₀ , 98%) | 1 MG | ¥64,000 | C19H2D10N202 |
| DLM-324-0.01 | 5,5-DIPHENYLHYDANTOIN | | | | |

Priority Pollutant, Endocrine Disruptor, and Chemical Contaminant Standards

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|--------------------|---|---|--------|------------|---|
| ULM-4521-M-1.2 | P-NONYLPHENOL DIETHOXYLATE | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | \$82,600 | CH ₃ (CH ₂) ₈ C ₆ H ₄ OCH ₂ CH ₂ CH ₂ CH ₂ OH |
| ULM-4521-SA-5X-1.2 | P-NONYLPHENOL DIETHOXYLATE | UNLABELED 500 UG/ML IN ACETONITRILE | 1.2 ML | \$128,000 | CH ₃ (CH ₂) ₈ C ₆ H ₄ OCH ₂ CH ₂ CH ₂ CH ₂ OH |
| ULM-4559-1.2 | P-NONYLPHENOL | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | \$47,400 | CH ₃ (CH ₂) ₈ C ₆ H ₄ OH |
| ULM-4559-M-1.2 | P-NONYLPHENOL | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | \$47,400 | CH ₃ (CH ₂) ₈ C ₆ H ₄ OH |
| ULM-4688-1.2 | NONYLPHENOXYACETIC ACID RING/CHAIN ISOMERS | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | \$71,000 | CH ₃ (CH ₂) ₈ C ₆ H ₄ OCH ₂ COOH |
| ULM-4690-1.2 | P-NONYLPHENOXYETHOXYACETIC ACID | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | \$82,600 | CH ₃ (CH ₂) ₈ C ₆ H ₄ OCH ₂ CH ₂ COOH |
| ULM-4841-1.2 | 19-NORTESTOSTERONE | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | \$47,400 | C ₁₈ H ₂₆ O ₂ |
| ULM-6560-1.2 | P-NONYLPHENOL-TECHNICAL GRADE | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | \$47,400 | C ₁₅ H ₂₄ O |
| ULM-6687-1.2 | (+/-)-CHLORAMPHENICOL | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | \$18,800 | C ₁₁ H ₁₂ Cl ₂ N ₂ O ₅ |
| ULM-6935-1.2 | TRICLOSAN | UNLABELED 100 UG/ML IN NONANE (2',4,4'-TRICHLORO-2-HYDROXYDIPHENYL ETHER) | 1.2 ML | \$47,400 | C ₁₂ H ₇ Cl ₃ O ₂ |
| ULM-6935-MT-1.2 | TRICLOSAN | UNLABELED 100 UG/ML IN MTBE (2',4,4'-TRICHLORO-2-HYDROXYDIPHENYL ETHER) | 1.2 ML | \$47,400 | C ₁₂ H ₇ Cl ₃ O ₂ |
| ULM-7106-1.2 | BISPHENOL A | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | \$35,600 | (CH ₃) ₂ C(C ₆ H ₄ OH) ₂ |
| ULM-7146-1.2 | NONYLPHENOL MONOETHOXYLATE-BRANCHED ISOMERS | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | \$71,000 | C ₉ H ₁₉ C ₆ H ₄ O(CH ₂) ₂ OH |
| ULM-7147-1.2 | NONYLPHENOL DIETHOXYLATE-BRANCHED ISOMERS | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | \$82,600 | C ₉ H ₁₉ C ₆ H ₄ O(C ₂ H ₄ OH) ₂ H |
| ULM-7187-1.2 | SEMICARBAZIDE HYDROCHLORIDE (SEM) | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | \$71,000 | C ₅ H ₁₁ N ₃ O-HCl |
| ULM-7188-1.2 | 1-AMINOHYDANTOIN HYDROCHLORIDE (AHD) | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | \$71,000 | C ₃ H ₅ N ₃ O ₂ -HCl |
| ULM-7189-1.2 | 3-AMINO-2-OXAZOLIDONE (AOZ) | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | \$71,000 | C ₃ H ₆ N ₂ O ₂ |
| ULM-7190-1.2 | 5-(4-MORPHOLINYLMETHYL)-3-AMINO-2-OXAZOLIDINONE (AMOZ) | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | \$71,000 | C ₈ H ₁₅ N ₃ O ₃ |
| ULM-7211-1.2 | ETHYNYLESTRADIOL | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | \$47,400 | C ₂₀ H ₂₄ O ₂ |
| ULM-7212-1.2 | ESTRONE | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | \$47,400 | C ₁₈ H ₂₂ O ₂ |
| ULM-7220-1.2 | SULFAMETHAZINE | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | \$47,400 | C ₁₂ H ₁₄ N ₄ O ₂ S |
| ULM-7242-MT-1.2 | WARFARIN | UNLABELED 100 UG/ML IN MTBE | 1.2 ML | \$35,600 | C ₁₉ H ₁₆ O ₄ |
| ULM-7275-1.2 | IBUPROFEN | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | \$35,600 | C ₁₃ H ₁₈ O ₂ |
| ULM-7309-1.2 | 4-METHYLBELLIFERONE | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | \$47,400 | C ₁₀ H ₈ O ₃ |
| ULM-7312-1.2 | PERCHLORIC ACID, SODIUM SALT | UNLABELED 100 UG/ML IN WATER | 1.2 ML | \$47,400 | NaClO ₄ |
| ULM-7378-1MG | PHENYLBUTAZONE | UNLABELED | 1 MG | \$50,600 | C ₁₉ H ₂₀ N ₂ O ₂ |
| ULM-7396-1.2 | O-PHENYLPHENOL | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | \$35,600 | C ₁₂ H ₁₀ O |
| ULM-7449-0.1MG | ESTRADIOL | UNLABELED | 0.1 MG | \$59,200 | C ₁₈ H ₂₄ O ₂ |
| ULM-7449-1.2 | ESTRADIOL | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | \$47,400 | C ₁₈ H ₂₄ O ₂ |
| ULM-7527-1.2 | SULFAMETHOXAZOLE | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | \$47,400 | C ₁₀ H ₁₁ N ₃ O ₃ S |
| ULM-7629-1.2 | ACETAMINOPHEN | UNLABELED 100 UG/ML IN CH ₃ CN | 1.2 ML | \$47,400 | CH ₃ CONHC ₆ H ₄ OH |
| ULM-7653-1.2 | CAFFEINE | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | \$18,800 | C ₃ C ₅ H ₁₀ N ₄ O ₂ |
| ULM-7709-1.2 | NAPROXEN | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | \$47,400 | CH ₃ O ₂ C ₁₀ H ₆ CH ₂ (CH ₃)CO ₂ H |
| ULM-7710-1.2 | CIPROFLOXACIN:HCL MONOHYDRATE | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | \$47,400 | C ₁₇ H ₁₈ FN ₃ O ₂ -HCl-H ₂ O |
| ULM-7823-0.1MG | CORTISOL | UNLABELED | 0.1 MG | \$47,400 | C ₂₁ H ₃₀ O ₅ |
| ULM-7884-1.2 | METHYL TRICLOSAN (2',4,4'-TRICHLORO-2-METHOXY-DIPHENYL ETHER) | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | \$47,400 | C ₁₃ H ₉ Cl ₃ O ₂ |
| ULM-7921-D-1.2 | DIETHYLSТИLBESTROL (CIS/TRANS MIX) | UNLABELED 100 UG/ML IN DIOXANE | 1.2 ML | \$35,600 | C ₁₈ H ₂₀ O ₂ |
| ULM-7968-1.2 | TRICLOCARBAN (3,4,4'-TRICHLOROCARBANILIDE) | UNLABELED 100 UG/ML IN CH ₃ CN | 1.2 ML | \$47,400 | C ₁₂ C ₆ H ₃ NHC ₆ H ₄ Cl |
| ULM-7989-A-1.2 | TRIMETHOPRIM | UNLABELED 50 UG/ML IN METHANOL | 1.2 ML | \$35,600 | C ₁₄ H ₁₈ N ₄ O ₃ |
| ULM-7998-1.2 | 3-CHLORO-1,2-PROPANEDIOL | UNLABELED 1 MG/ML IN METHANOL | 1.2 ML | \$27,200 | C ₃ H ₂ Cl(O)CH ₂ OH |
| ULM-7999-1.2 | 2,4,6-TRICHLOROANISOLE | UNLABELED 1 MG/ML IN METHANOL | 1.2 ML | \$35,600 | C ₃ C ₆ H ₂ O ₃ Cl ₃ |
| ULM-8009-1.2 | HEXACHLOROPHENONE | UNLABELED 50 UG/ML IN METHANOL | 1.2 ML | \$47,400 | CH ₂ [C ₆ H(C) ₃ O]Cl ₂ |
| ULM-8081-1.2 | TESTOSTERONE | UNLABELED 100 UG/ML IN METHYLENE CHLORIDE | 1.2 ML | \$47,400 | C ₁₉ H ₂₈ O ₂ |
| ULM-8081-D-1.2 | TESTOSTERONE | UNLABELED 100 UG/ML IN DIOXANE | 1.2 ML | \$47,400 | C ₁₉ H ₂₈ O ₂ |
| ULM-8132-0.1MG | SODIUM ESTRONE 3-SULFATE | UNLABELED | 0.1 MG | \$60,800 | C ₁₈ H ₂₁ O ₅ Na |
| ULM-8133-0.1MG | 2-HYDROXYESTRONE-3-METHYL ETHER | UNLABELED (97% CHEMICAL PURITY) | 0.1 MG | \$55,600 | C ₁₉ H ₂₄ O ₃ |
| ULM-8134-0.1MG | 2-HYDROXYESTRONE (CP 96%) | UNLABELED | 0.1 MG | \$55,600 | C ₁₈ H ₂₂ O ₃ |
| ULM-8135-0.1MG | 2-HYDROXYESTRADIOL | UNLABELED | 0.1 MG | \$55,600 | C ₁₈ H ₂₄ O ₃ |
| ULM-8136-0.1MG | 4-METHOXYESTRADIOL | UNLABELED | 0.1 MG | \$55,600 | C ₁₉ H ₂₆ O ₃ |
| ULM-8137-0.1MG | DL-2-METHOXYESTRADIOL | UNLABELED | 0.1 MG | \$55,600 | C ₁₉ H ₂₆ O ₃ |
| ULM-8218-0.1MG | ESTRIOL | UNLABELED | 0.1 MG | \$35,600 | C ₁₈ H ₂₄ O ₃ |
| ULM-8219-1.2 | PROGESTERONE | UNLABELED 100 UG/ML IN P-DIOXANE | 1.2 ML | \$47,400 | C ₂₁ H ₃₀ O ₂ |
| ULM-8225-1.2 | GEMFIBROZIL | UNLABELED 100 UG/ML IN DIOXANE | 1.2 ML | \$47,400 | C ₁₅ H ₂₂ O ₃ |
| ULM-8235-1.2 | DIETHYLENE GLYCOL | UNLABELED 1 MG/ML IN METHANOL | 1.2 ML | \$35,600 | (HOCH ₂ CH ₂) ₂ O |

Priority Pollutant, Endocrine Disruptor, and Chemical Contaminant Standards

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|----------------|---|-------------------------------------|--------|------------|--|
| ULM-8250-1.2 | METHYL PARABEN (METHYL 4-HYDROXYBENZOATE) | UNLABELED 1 MG/ML IN METHANOL | 1.2 ML | \$35,600 | C ₈ H ₈ O ₃ |
| ULM-8251-1.2 | 4-HYDROXYBENZOIC ACID | UNLABELED 1 MG/ML IN METHANOL | 1.2 ML | \$35,600 | HOC ₆ H ₄ COOH |
| ULM-8261-0.1MG | 4-HYDROXYESTRONE | UNLABELED 96% CHEMICAL PURITY | 0.1 MG | \$55,600 | C ₁₈ H ₂₂ O ₃ |
| ULM-8262-0.1MG | 4-METHOXYESTRONE | UNLABELED | 0.1 MG | \$55,600 | C ₁₉ H ₂₄ O ₃ |
| ULM-8263-0.1MG | 2-METHOXYESTRONE | UNLABELED | 0.1 MG | \$55,600 | C ₁₉ H ₂₄ O ₃ |
| ULM-8287-1.2 | N-BUTYL PARABEN (N-BUTYL 4-HYDROXYBENZOATE) | UNLABELED 1 MG/ML IN METHANOL | 1.2 ML | \$35,600 | HOC ₆ H ₄ CO ₂ (CH ₂) ₃ CH ₃ |
| ULM-8290-1.2 | MUSK KETONE (CP 95%) | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | \$35,600 | (CH ₃) ₃ C ₆ N ₂ O ₂ (CH ₂) ₂ COCH ₃ |
| ULM-8303-1.2 | BENZOPHENONE | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | \$27,200 | (C ₆ H ₅) ₂ CO |
| ULM-8350-1.2 | AMITRIPTYLINE:HCL | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | \$22,000 | C ₂₀ H ₂₃ N-HCl |
| ULM-8360-1.2 | 4-(1,3-DIMETHYL-1-ETHYLPHENYL)PHENOL | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | \$64,000 | C ₁₅ H ₂₄ O |
| ULM-8361-1.2 | | | | | |

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|-----------------|---|--|--------|------------|----------------------|
| CLM-731-0.1 | CARBON TETRACHLORIDE | (¹³ C, 99%) | 0.1 G | \$36,000 | *CCl4 |
| CLM-731-0.5 | CARBON TETRACHLORIDE | (¹³ C, 99%) | 0.5 G | \$86,600 | *CCl4 |
| CLM-731-1 | CARBON TETRACHLORIDE | (¹³ C, 99%) | 1 G | \$126,600 | *CCl4 |
| CLM-789-1.2 | 4-NITROPHENOL | (¹³ C, 99%) 1 MG/ML IN METHANOL | 1.2 ML | \$140,800 | HO*C6H4NO2 |
| CLM-879-1.2 | SODIUM BIS(2-ETHYLHEXYL)SULFOSUCCINATE (DOSS) | (FUMARIC ACID- ¹³ C, 99%) 100UG/ML ACETONITRILE | 1.2 ML | \$205,800 | *C4C16H37NaO7S |
| CLM-3026-PK | 1,2-DIPHENYLYHYDRAZINE | (DIPHENYL-D ₁₀ , 98%) | G | お問い合わせ | C6D5HNNHC6D5 |
| ULM-1708-0.1 | 3,4,5,6-TETRACHLOROGUAIACOL | UNLABELED | 0.1 G | \$162,600 | C7H4Cl4O2 |
| ULM-2154-MT-1.2 | NORNICOTINE (CP 95%) | UNLABELED 100 UG/ML IN MTBE | 1.2 ML | \$40,600 | C9H12N2 |
| CDLM-11053-1.2 | VITAMIN E (ALPHA-TOCOPHEROL) 100 UG/ML IN METHANOL | (DIMETHYL- ¹³ C ₂ , 99%; DIMETHYL-D ₆ , 98%) | 1.2 ML | \$136,000 | C27*C2H44D602 |
| CDLM-11054-1.2 | VITAMIN E ACETATE 100 UG/ML IN METHANOL | (DIMETHYL- ¹³ C ₂ , ACETYL- ¹³ C ₂ , 99%; DIMETHYL-D ₆ , 98%) | 1.2 ML | \$164,000 | C27*C4D6H4603 |
| CDLM-629-0.1 | BENZENE | (¹³ C, 99%; D ₆ , 98%) | 0.1 G | お問い合わせ | *C6D6 |
| CDLM-7279-S | N-NITROSODIMETHYLAMINE | (¹³ C, 99%; D ₆ , 98%) 1 MG/ML IN CD2CL2 | 1 ML | \$94,000 | *C2D6N20 |
| CDLM-7280-PK | DIMETHYLAMINE:HCL | (¹³ C, 99%; D ₆ , 98%) | G | お問い合わせ | (*CD)2NH-HCl |
| CDNL-M-11114-PK | N-ACETYL-S-(2,2-DICHLOROVINYLY)-L-CYSTEINE | (CYSTEINE- ¹³ C ₃ , 99%; ¹⁵ N, 99%; ACETYL-D ₃ , 98%) | G | お問い合わせ | C4*C3H6D3Cl2*N03S |
| CLM-1006-0.5 | DIODOMETHANE + COPPER WIRE | (¹³ C, 99%) | 0.5 G | \$221,000 | *CH2I2 |
| CLM-10226-PK | PENTACHLOROTHIOPHENOL (PCTP) | (¹³ C, 99%) | G | お問い合わせ | *C6Cl5SH |
| CLM-10561-PK | DICYANDIAMIDE (2-CYANOQUANIDINE) | (¹³ C, 99%) | G | お問い合わせ | *C2H4N4 |
| CLM-10856-1.2 | N-NITROSO-N-METHYL-4-AMINOBUTYRIC ACID (95% CP) | (1,2,3,4- ¹³ C ₄ , 99%) 1 MG/ML IN METHYLENE CHLORIDE | 1.2 ML | \$104,600 | C*4H10N203 |
| CLM-109-0.25 | ACRYLONITRILE | (1- ¹³ C, 99%)+0.1% 4-METHOXYPHENOL) | 0.25 G | \$235,000 | H2C=CH-CN |
| CLM-11186-1.2 | TRANS-3'-HYDROXYCOTININE-O-GLUCURONIDE, AMMONIUM SALT | (GLUCURONYL- ¹³ C ₆ , 99%)(CP 97%)100UG/ML IN MEOH | 1.2 ML | \$267,400 | C10*C6H23N308 |
| CLM-11190-1.2 | 4-HYDROXYHIPPURIC ACID | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN METHANOL | 1.2 ML | \$210,400 | *C6C3H9N04 |
| CLM-11290-1.2 | 6PPD-QUINONE (95% CP) | (RING- ¹³ C ₁₂ , 99%) 100 UG/ML IN ACETONITRILE | 1.2 ML | \$208,000 | C6*C12H22N202 |
| CLM-12293-1.2 | 6PPD-QUINONE | (PHENYL- ¹³ C ₆ , 99%) 100 UG/ML IN ACETONITRILE | 1.2 ML | \$182,000 | C12*C6H22N202 |
| CLM-126-1.2 | 1,2-DICHLOROBENZENE | (¹³ C, 99%) 100 UG/ML IN ISOCTANE | 1.2 ML | \$107,000 | *C6H4Cl2 |
| CLM-129-0.1 | TRICHLOROETHYLENE | (¹³ C, 98%) STABILIZED WITH ~40PPM DIISOPROPYLAMINE | 0.1 G | \$203,000 | C12=C-*CHCl |
| CLM-1305-1.2 | 2,4-DICHLOROPHENOL | (¹³ C, 99%) 100 UG/ML IN NONANE | 1.2 ML | \$125,000 | C12*C6H3OH |
| CLM-1323-PK | ALPHA-TETRALONE | (PHENYL- ¹³ C ₆ , 99%) 95% CHEMICAL PURITY | G | お問い合わせ | *C6C4H100 |
| CLM-1340-0.1 | 1,4-DIBROMOBENZENE | (¹³ C, 99%) | 0.1 G | \$104,000 | Br*C6H4Br |
| CLM-1340-1.2 | 1,4-DIBROMOBENZENE | (¹³ C, 99%) 100 UG/ML IN TOLUENE | 1.2 ML | \$101,000 | Br*C6H4Br |
| CLM-1365-1.2 | 2,5-DICHLOROPHENOL | (¹³ C, 99%) 100 UG/ML IN METHANOL | 1.2 ML | \$125,000 | C12*C6H3OH |
| CLM-1518-1 | 1,4-DICHLOROBENZENE | (¹³ C, 99%) | 1 MG | \$262,000 | *C6H4Cl2 |
| CLM-1519-0.1 | 1,3-DINITROBENZENE | (¹³ C, 99%) | 0.1 G | \$331,000 | *C6H4(NO2)2 |
| CLM-1519-S | 1,3-DINITROBENZENE | (¹³ C, 99%) 1 MG/ML IN ACETONITRILE | 1 ML | \$125,000 | *C6H4(NO2)2 |
| CLM-1520-1 | CATECHOL | (¹³ C, 99%) | 1 MG | \$163,000 | HO*C6H4OH |
| CLM-1544-1.2 | DIBENZO-P-DIOXIN | (¹³ C ₁₂ , 99%) 50 UG/ML IN NONANE | 1.2 ML | \$258,000 | *C12H8O2 |
| CLM-1559-1 | 4-CHLORONITROBENZENE | (¹³ C, 99%) | 1 MG | \$321,000 | C1*C6H4NO2 |
| CLM-1561-1.2 | DIBENZOFURAN | (¹³ C ₁₂ , 99%) 50 UG/ML IN NONANE | 1.2 ML | \$302,000 | *C12H8O |
| CLM-1587-1.2 | DIPHENYL ETHER | (¹³ C ₁₂ , 99%) 50 UG/ML IN NONANE | 1.2 ML | \$192,000 | C6H50*C6H5 |
| CLM-1593-0.25 | METHYLENE CHLORIDE | (¹³ C, 99%) | 0.25 G | \$187,800 | *CH2Cl2 |
| CLM-1593-0.5 | METHYLENE CHLORIDE | (¹³ C, 99%) | 0.5 G | \$253,200 | *CH2Cl2 |
| CLM-1718-PK | 3,4,5-TRICHLOROCATECHOL | (¹³ C, 98%) | G | お問い合わせ | *C6H3Cl3O2 |
| CLM-1804-1.2 | 2,4,6-TRICHLOROPHENOL | (¹³ C, 99%) 100 UG/ML IN METHANOL | 1.2 ML | \$156,400 | C3*C6H2OH |
| CLM-1804-SI-1.2 | 2,4,6-TRICHLOROPHENOL | (¹³ C, 99%) 100 UG/ML IN ISOCTANE | 1.2 ML | \$156,400 | C3*C6H2OH |
| CLM-1829-PK | CHLOROBENZENE | (¹³ C, 99%) | G | お問い合わせ | *C6H5Cl |
| CLM-1836-1.2 | 3,4,5-TRIBROMOPHENOL | (¹³ C, 98%) 100 UG/ML IN TOLUENE | 1.2 ML | お問い合わせ | *C6H3Br30 |
| CLM-1913-1.2 | 4-CHLOROPHENOL | (¹³ C, 99%) 100 UG/ML IN NONANE | 1.2 ML | \$87,600 | *C6H4ClOH |
| CLM-1921-1.2 | HEXBROMOBENZENE | (¹³ C, 99%) 100 UG/ML IN TOLUENE | 1.2 ML | \$116,200 | *C6Br6 |
| CLM-1959-1.2 | PENTABROMOPHENOL | (¹³ C, 99%) 100 UG/ML IN TOLUENE | 1.2 ML | \$109,400 | *C6Br5OH |
| CLM-1965-0.1 | TETRACHLOROETHYLENE | (¹³ C, 99%) | 0.1 G | \$349,000 | C12=C-*CCl2 |
| CLM-1982-1.2 | 1,2,3,4-TETRACHLOROBENZENE | (¹³ C, 99%) 100 UG/ML IN ISOCTANE | 1.2 ML | \$64,000 | *C6H2Cl4 |
| CLM-1996-1.2 | 2,3,4,5-TETRABROMOPHENOL | (¹³ C, 99%) 100 UG/ML IN TOLUENE | 1.2 ML | \$128,000 | *C6H2Br40 |
| CLM-2003-0.1 | HEXAChLOROETHANE | (1- ¹³ C, 99%) | 0.1 G | お問い合わせ | CCl3-*CCl3 |
| CLM-2003-0.5 | HEXAChLOROETHANE | (1- ¹³ C, 99%) | 0.5 G | お問い合わせ | CCl3-*CCl3 |
| CLM-2058-1 | 2-PHENYLETHANOL | (1- ¹³ C, 99%) 95% CHEMICAL PURITY | 1 G | お問い合わせ | C6H5CH2*CH2OH |
| CLM-2090-0.5 | BROMODICHLOROMETHANE | (¹³ C, 99%) STABILIZED W/K2CO3 | 0.5 G | \$248,000 | Br*CHCl2 |
| CLM-2090-1 | BROMODICHLOROMETHANE | (¹³ C, 99%) STABILIZED W/K2CO3 | 1 G | \$404,000 | Br*CHCl2 |
| CLM-2110-10 | HEXAChLOROCYCLOPENTADIENE | (¹³ C, 98%) 95% CHEMICAL PURITY | 10 MG | \$294,600 | *C4CCl6 |
| CLM-2110-5 | HEXAChLOROCYCLOPENTADIENE | (¹³ C, 98%) 95% CHEMICAL PURITY | 5 MG | \$197,800 | *C4CCl6 |
| CLM-2145-0.01 | HEXAChLORO-1,3-BUTADIENE | (¹³ C, 99%) | 0.01 G | \$274,600 | *CCl2-*CCl*CCl=*CCl2 |
| CLM-2145-1.2 | HEXAChLORO-1,3-BUTADIENE | (¹³ C, 99%) 100 UG/ML IN ISOCTANE | 1.2 ML | \$101,000 | *CCl2-*CCl*CCl=*CCl2 |

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|--------------|-----------------------|--|--------|------------|---------------|
| CLM-2235-1.2 | 2,3,5-TRIBROMOPHENOL | (¹³ C ₆ , 99%) 100 UG/ML IN TOLUENE | 1.2 ML | \$128,000 | *C6H3Br30 |
| CLM-2268-1.2 | 4-BROMOPHENOL | (¹³ C ₆ , 99%) 100 UG/ML IN TOLUENE | 1.2 ML | \$128,000 | Br*C6H4OH |
| CLM-2284-1 | 4-CHLOROCATECHOL | (¹³ C, 99%) | 1 MG | \$197,800 | *C6H3(OH)2Cl |
| CLM-262-0.1 | CHLOROFORM | (¹³ C, 99%) | 0.1 G | \$61,400 | *CHCl3 |
| CLM-262-0.5 | CHLOROFORM | (¹³ C, 99%) | 0.5 G | \$185,000 | *CHCl3 |
| CLM-262-1 | CHLOROFORM | (¹³ C, 99%) | 1 G | \$304,800 | *CHCl3 |
| CLM-3040-0.5 | PHTHALIC ACID | (CARBOXYL- ¹³ C, 99%) | 0.5 G | \$197,800 | HOO*CC6H4COOH |
| CLM-309-0.5 | TOLUENE | (METHYL- ¹³ C, 99%) | 0.5 G | \$154,800 | C6H5*CH3 |
| CLM-309-1 | TOLUENE | (METHYL- ¹³ C, 99%) | 1 G | \$232,800 | C6H5*CH3 |
| CLM-3235-1.2 | BIPHENYL | (¹³ C ₁₂ , 99%) 100 UG/ML IN NONANE | 1.2 ML | \$274,200 | (*C6H5)2 |
| CLM-3374-1.2 | EPICHLOROHYDRIN | (¹³ C ₃ , 99%) 100 UG/ML IN ACETONITRILE | 1.2 ML | \$182,000 | *C3H5ClO |
| CLM-3622-PK | 2-CHLOROBENZALDEHYDE | (RING- ¹³ C ₆ , 99%) | G | お問い合わせ | Cl*CH2C6H4CHO |
| CLM-3846-S | RDX | (¹³ C ₃ , 99%) 1MG/ML IN ACETONITRILE | 1 ML | \$187,000 | *C3H6N606 |
| CLM-3848-S | 1,3,5-TRINITROBENZENE | (¹³ C ₆ , 99%) 1 MG/ML IN ACETONITRILE | 1 ML | \$161,000 | *C6H3(NO2)3 |
| CLM-3912-S | 2-NITROTOLUENE | (RING- ¹³ C ₆ , 99%) 1 MG/ML IN ACETONITRILE | 1 ML | \$161,000 | CH3*C6H4N02 |
| CLM-3913-S | 4-N | | | | |

Priority Pollutant, Endocrine Disruptor, and Chemical Contaminant Standards & Flame-Retardant Standards and Standard Mixtures

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|-------------------|---|--|--------|-------------|-------------------|
| CLM-856-0.1 | ACRYLONITRILE | (¹³ C ₃ , 99%)+0.1% 4-METHOXYPHENOL) | 0.1 G | \$343,200 | H2=C=CH-CN |
| CLM-859-1.2 | AMMELIDE (RING-13C3, 99%) | 100 UG/ML IN WATER/DIETHYLAMINE (80/20 V/V) | 1.2 ML | \$173,400 | *C3H4N4O2 |
| CLM-875-0.1 | 2-BROMOETHANOL | (1,2- ¹³ C ₂ , 99%) 95%+ PURE | 0.1 G | \$121,200 | Br(*CH2)2OH |
| CLM-892-1.2 | PENTABROMOANISOLE | (¹³ C ₆ , 99%) 100 UG/ML IN TOLUENE | 1.2 ML | \$109,400 | *C6CH3B5O |
| CLM-9000-1.2 | 1,5,5,6,6,10-HEXACHLORODECANE | (¹³ C ₁₀ , 99%) 100 UG/ML IN NONANE | 1.2 ML | \$291,000 | *C10H16Cl6 |
| CLM-9270-0.01 | ACRYLAMIDE | (1- ¹³ C, 99%) | 0.01 G | \$90,000 | H2C=CH*CONH2 |
| CLM-9270-0.05 | ACRYLAMIDE | (1- ¹³ C, 99%) | 0.05 G | \$290,800 | H2C=CH*CONH2 |
| CLM-9372-1.2 | 2,4,5-TRIBROMOANISOLE | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN TOLUENE | 1.2 ML | \$128,000 | *C6CH5B3O |
| CLM-9373-1.2 | 2,4-DIBROMOANISOLE | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN TOLUENE | 1.2 ML | \$128,000 | *C6CH6B2O |
| CLM-9638-PK | DIETHYL 2-FLUOROMALONATE | (2- ¹³ C, 99%) | G | お問い合わせ | F*CH(COOCH2CH3)2 |
| CLM-9679-1.2 | 1,1,1,3,10,12,12,12-OCTACHLORODODECANE | (¹³ C ₁₂ , 99%) 100 UG/ML IN NONANE | 1.2 ML | \$284,000 | NA |
| CLM-9692-1.2 | DL-COTININE (97% CHEMICAL PURITY) | (2',3',4'- ¹³ C ₃ , 99%) 100 UG/ML IN WATER | 1.2 ML | \$189,000 | *C3C7H12N2O |
| CNLM-1112-PK | 4-METHYLHIPPURIC ACID | (GLYCINE-1,2- ¹³ C, 99%; ¹⁵ N, 99%) | G | お問い合わせ | C9*CH11*N03 |
| CNLM-1113-PK | N-ACETYL-S-(3-HYDROXYPROPYL)-L-CYSTEINE | (CYSTEINE- ¹³ C ₃ , 99%; ACETYL-1- ¹³ C, 99%; ¹⁵ N, 99%) | G | お問い合わせ | C4*C4H15*N04S |
| CNLM-1115-PK | N-ACETYL-S-[2-CARBAMOYL-2-HYDROXYETHYL]-L-CYSTEINE:HCL | (CYSTEINE- ¹³ C ₃ , 99%; ACETYL-1- ¹³ C, 99%; ¹⁵ N, 99%) | G | お問い合わせ | C4*C4H15CIN*N05S |
| CNLM-1116-PK | N-ACETYL-S-(3-HYDROXYPROPYL-1-METHYL)-L-CYSTEINE | (CYSTEINE- ¹³ C ₃ , 99%; ACETYL-1- ¹³ C, 99%; ¹⁵ N, 99%) | G | お問い合わせ | C5*C4H17*N04S |
| CNLM-3643-S | 2,4,6-TRINITROTOLUENE WETTED,1 MG (TNT)/ML IN C6H6:33% H2O BY WT(TNT),W/W | (¹³ C ₇ , 99%; ¹⁵ N ₃ , 98%) | 1 ML | \$165,000 | *C7H5N3O6 |
| CNLM-4661-1.2 | CYANURIC ACID 90%+ CHEMICAL PURITY | (¹³ C ₃ , 99%; ¹⁵ N ₃ , 98%+) 100 UG/ML IN WATER | 1.2 ML | \$136,600 | *C3H3N3O3 |
| CNLM-4661-10X-1.2 | CYANURIC ACID 90%+ CHEMICAL PURITY | (¹³ C ₃ , 99%; ¹⁵ N ₃ , 98%+) 1000 UG/ML IN WATER | 1.2 ML | \$491,000 | *C3H3N3O3 |
| CNLM-7963-S | HMX | (¹³ C ₄ , 99%; RING- ¹³ N4, 98%) 1 MG/ML IN CH3CN | 1 ML | \$200,200 | *C4H8N4*N4O8 |
| CNLM-7987-S | RDX | (¹³ C ₃ , 99%; ¹⁵ N ₃ , 98%) 1 MG/ML IN ACETONITRILE | 1 ML | \$200,200 | *C3H6N3*N3O6 |
| CNLM-8150-1.2 | MELAMINE 100 UG/ML IN WATER | (¹³ C ₃ , 99%; AMINO- ¹⁵ N ₃ , 98%) | 1.2 ML | \$128,000 | *C3H6N3*N3 |
| CNLM-8150-10X-1.2 | MELAMINE | (¹³ C ₃ , 99%; AMINO- ¹⁵ N ₃ , 98%) 1000 UG/ML IN WATER | 1.2 ML | \$455,800 | *C3H6N3*N3 |
| DLM-1008-1 | EPICHLOROHYDRIN | (D ₅ , 98%) | 1 G | \$155,600 | C3D5ClO |
| DLM-1008-10 | EPICHLOROHYDRIN | (D ₅ , 98%) | 10 G | \$1,339,600 | C3D5ClO |
| DLM-10255-1.2 | URACIL | (D ₄ , 98%) 1000 UG/ML IN 1:1 METHANOL:WATER | 1.2 ML | \$87,000 | C4D4N2O2 |
| DLM-10285-1.2 | ALLYL ALCOHOL | (D ₅ , 98%) 2 MG/ML IN METHANOL | 1.2 ML | \$71,000 | D2C=CDCl2O |
| DLM-103-1 | 2-BROMOETHANOL | (1,1,2,2-D ₄ , 98%) 95%+ PURE | 1 G | \$46,800 | BrCD2CD2O |
| DLM-10322-1.2 | N,N-BIS(2-HYDROXYETHYL)-N-HEXADECYLAMINE | (HEXADECYL-D ₃₉ , 98%) 100 UG/ML IN METHANOL | 1.2 ML | \$173,400 | C20H10D33N02 |
| DLM-10324-1.2 | N,N-BIS(2-HYDROXYETHYL)-N-OCTADECYLAMINE | (OCTADECYL-D ₃₇ , 98%) 100 UG/ML IN METHANOL | 1.2 ML | \$173,400 | C22H10D37N02 |
| DLM-103-5 | 2-BROMOETHANOL | (1,1,2,2-D ₄ , 98%) 95%+ PURE | 5 G | \$103,200 | BrCD2CD2O |
| DLM-10401-1.2 | 5-ANDROSTEN-3BETA,17BETA-DIOL (CP 95%) | (16,16,17-D ₃ , 98%) 100 UG/ML IN METHANOL | 1.2 ML | \$210,400 | C19H27D3O2 |
| DLM-10526-1.2 | N-NITROSO-N-METHYLETHANOLAMINE | (1,1,2,2-D ₄ , METHYL-D ₃ , 98%) 5 MG/ML IN METHANOL | 1.2 ML | \$291,000 | C3HD7N2O2 |
| DLM-10527-1.2 | N-METHYLETHANOLAMINE (97% CHEMICAL PURITY) | (1,1,2,2-D ₄ , METHYL-D ₃ , 98%) 5 MG/ML IN METHANOL | 1.2 ML | \$254,000 | CD3NHCD2CD2O |
| DLM-1067-5 | 1,2-PROPYLENE OXIDE | (D ₆ , 98%) STABILIZED WITH 200 PPM HYDROQUINONE | 5 G | \$516,600 | CD3CDCD2O |
| DLM-10707-1.2 | TETRAHYDROCANNABIVARIN (THCV) (97% CP) | (PROPYL-3,3,3-D ₃ , 98%) 100 UG/ML IN METHANOL | 1.2 ML | \$87,600 | C19H23D3O2 |
| DLM-10846-1.2 | (-)DELTA-9-TETRAHYDROCannabinol (THC) | (METHYL-D ₃ , 98%) 100 UG/ML IN METHANOL | 1.2 ML | \$29,200 | C21H27D3O2 |
| DLM-10847-1.2 | CANNABINOL (CBN) | (METHYL-D ₃ , 98%) 100 UG/ML IN METHANOL | 1.2 ML | \$58,400 | C21H23D3O2 |
| DLM-10853-1.2 | CANNABIGEROL (CBG) | (METHYL-D ₃ , 98%) 100 UG/ML IN METHANOL | 1.2 ML | \$78,800 | C21H29D3O2 |
| DLM-10854-1.2 | CANNABICHROMENE (CBC) | (METHYL-D ₃ , 98%) 100 UG/ML IN METHANOL | 1.2 ML | \$65,400 | C21H27D3O2 |
| DLM-10855-1.2 | CANNABIDIOL (CBD) | (D ₃ , 98%) 100 UG/ML IN METHANOL | 1.2 ML | \$58,400 | C21D3H27O2 |
| DLM-1088-1 | TEREPHTHALIC ACID | (RING-D ₄ , 98%) | 1 G | \$36,600 | COOHC6D4COOH |
| DLM-1088-5 | TEREPHTHALIC ACID | (RING-D ₄ , 98%) | 5 G | \$80,800 | COOHC6D4COOH |
| DLM-10915-1.2 | CANNABIVARIN (CBV) (97% CHEMICAL PURITY) | (METHYL-D ₃ , 98%) 100 UG/ML IN METHANOL | 1.2 ML | \$61,000 | C19H19D3O2 |
| DLM-1101-5 | BENZENE | (D ₁ , 98%) | 5 G | \$59,000 | C6H5D |
| DLM-11063-1.2 | NICOTELLINE (2,2',4,4',5,5',6,6'-D8, 97%) | 100 UG/ML IN ACETONITRILE | 1.2 ML | \$175,000 | C15H3D8N3 |
| DLM-11074-1.2 | CIS/TRANS-ANATALLINE:3HCL | (D ₃ , 98%) 100 UG/ML IN METHANOL-OD | 1.2 ML | \$175,000 | C15D3H14N3 |
| DLM-11140-1.2 | CANNABIDIVARIN (CBDV) | (METHYL-D ₃ , 98%) 100 UG/ML IN METHANOL | 1.2 ML | \$92,400 | C19H23D3O2 |
| DLM-11195-1.2 | N-NITROSTOPIPERIDINE | (D ₁₀ , 98%) 1 MG/ML IN METHYLENE CHLORIDE-D2 | 1.2 ML | \$91,200 | C5D10N2O |
| DLM-11196-1.2 | N-NITROSO-DI-N-BUTYLAMINE | (D ₁₀ , 98%) 1 MG/ML IN METHYLENE CHLORIDE-D2 | 1.2 ML | \$91,200 | CD3CD2CD2CD2/2NNO |
| DLM-11279-1.2 | 6-SULFATOXYMELATONIN, SODIUM SALT | (ETHYL-D ₄ , 98%) 100 UG/ML IN METHANOL | 1.2 ML | \$227,200 | C13H11D4N2NaO6S |
| DLM-1158-0.1 | QUINOLINE | (D ₇ , 98%) | 0.1 G | \$34,600 | C9D7N |
| DLM-1158-1 | QUINOLINE | (D ₇ , 98%) | 1 G | \$153,600 | C9D7N |
| DLM-1158-1.2 | QUINOLINE (CHEMICAL PURITY 97%) | (D ₇ , 98%) 2 MG/ML IN METHANOL | 1.2 ML | \$71,000 | C9D7N |
| DLM-1171-A-1.2 | CHLOROETHANE | (D ₅ , 98%) 1000 UG/ML IN METHANOL | 1.2 ML | \$68,400 | CD3CD2Cl |
| DLM-1175-1 | TOLUENE | (METHYL-D ₃ , 98%) | 1 G | \$48,600 | C6H5CD3 |
| DLM-1175-5 | TOLUENE | (METHYL-D ₃ , 98%) | 5 G | \$197,800 | C6H5CD3 |
| DLM-1176-1 | TOLUENE | (RING-D ₃ , 98%) | 1 G | \$55,000 | C6D5CH3 |
| DLM-1176-5 | TOLUENE | (RING-D ₃ , 98%) | 5 G | \$169,600 | C6D5CH3 |
| DLM-1177-1 | 1,2,4,5-TETRACHLOROBENZENE | (D ₂ , 98%) | 1 G | \$113,200 | C6D2Cl4 |

Priority Pollutant, Endocrine Disruptor, and Chemical Contaminant Standards & Flame-Retardant Standards and Standard Mixtures

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|---------------|----------------------------|--|--------|------------|------------------|
| DLM-1177-5 | 1,2,4,5-TETRACHLOROBENZENE | (D ₂ , 98%) | 5 G | \$361,200 | C6D2Cl4 |
| DLM-1178-0.1 | 1,2,4-TRICHLOROBENZENE | (D ₃ , 98%) | 0.1 G | \$32,600 | C6D3Cl3 |
| DLM-1178-1 | 1,2,4-TRICHLOROBENZENE | (D ₃ , 98%) | 1 G | \$105,000 | C6D3Cl3 |
| DLM-1178-5 | 1,2,4-TRICHLOROBENZENE | (D ₃ , 98%) | 5 G | \$329,200 | C6D3Cl3 |
| DLM-122-1 | BENZOIC ACID | (RING-D ₅ , 98%) | 1 G | \$34,600 | C6D5COOH |
| DLM-122-5 | BENZOIC ACID | (RING-D ₅ , 98%) | 5 G | \$103,200 | C6D5COOH |
| DLM-12279-1.2 | N-NITROSOMETHYLETHYLAMINE | (D ₃ , 98%) 1 MG/ML IN METHYLENE CHLORIDE-D2 | 1.2 ML | \$91,200 | C3H2N(CD3)NO |
| DLM-1258-1.2 | L-PHENYLALANINE | (RING-D ₅ , 98%) 1000 UG/ML IN 1:1 METHANOL:WATER | 1.2 ML | \$69,000 | C6D5CH2(NH2)COOH |
| DLM-1262-0.1 | 4-METHYLcatechol | (METHYL-D ₃ , 98%) | 0.1 G | お問い合わせ | CD3C6H3(OH)2 |
| DLM-1283-1 | N-PENTADECANE | (D ₃₂ , 98%) | 1 G | \$80,800 | CD3(CD2)13CD3 |
| DLM-1283-5 | N-PENTADECANE | (D ₃₂ , 98%) | 5 G | \$349,000 | CD3(CD2)13CD3 |
| DLM-1287-1.2 | CLONIDINE | (4,4,5,5-IMIDAZOLINE-D ₄ , 98%) 100 UG/ML IN METHANOL | | | |

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|------------------|--|--|--------|-----------------------|-----------------------|
| DLM-1939-S | 2,6-DINITROTOLUENE | (METHYL-D ₃ , 98%) 1 MG/ML IN ACETONITRILE | 1 ML | ¥101,000 | O2NC6H3(NO2)CD3 |
| DLM-1943-0.1 | ISOPHORONE | (3-METHYL-D ₃ ,2,4,4,6,6-D ₅ ,97%) | 0.1 G | ¥117,200 | C9H6D8O |
| DLM-1945-0.1 | BIS(2-CHLOROETHOXY)-D8-METHANE | (D ₃ , 98%) | 0.1 G | ¥173,600 | CH2(CD2CD2Cl)2 |
| DLM-1972-0.1 | 1,2,3-TRICHLOROBENZENE | (D ₃ , 98%) | 0.1 G | ¥113,200 | C6D3C13 |
| DLM-199-10 | ETHYLBENZENE | (D ₁₀ , 98%) | 10 G | ¥85,000 | C6D5CD2CD3 |
| DLM-2004-0.05 | BIS(2-CHLOROETHYL)ETHER | (D ₈ , 98%) | 0.05 G | ¥137,600 | (C1CD2CD2)2O |
| DLM-2004-0.1 | BIS(2-CHLOROETHYL)ETHER | (D ₈ , 98%) | 0.1 G | ¥199,800 | (C1CD2CD2)2O |
| DLM-203-0.1 | N-HEXADECANE | (D ₃₄ , 98%) | 0.1 G | ¥22,400 | CD3(CD2)14CD3 |
| DLM-203-1 | N-HEXADECANE | (D ₃₄ , 98%) | 1 G | ¥76,800 | CD3(CD2)14CD3 |
| DLM-203-5 | N-HEXADECANE | (D ₃₄ , 98%) | 5 G | ¥169,600 | CD3(CD2)14CD3 |
| DLM-2053-0.1 | CIS-1,2,3,6-TETRAHYDROPHthalic ANHYDRIDE | (RING-3,3,4,5,6,6-D ₆ , 98%) | 0.1 G | ¥306,800 | C8D6H203 |
| DLM-2054-0.1 | CIS-1,2,3,6-TETRAHYDROPHthalimide | (RING-3,3,4,5,6,6-D ₆ , 98%) | 0.1 G | ¥306,800 | C8H3D6N02 |
| DLM-2080-0.1 | 1,2,3-TRICHLOROPROPANE | (D ₅ , 98%) (95% CHEMICAL PURITY) | 0.1 G | ¥99,200 | CD2(CDCD2Cl)2Cl |
| DLM-2080-1.2 | 1,2,3-TRICHLOROPROPANE (95% CHEMICAL PURITY) | (D ₅ , 98%) 1 MG/ML IN METHANOL | 1.2 ML | ¥64,000 | CD2(CDCD2Cl)2Cl |
| DLM-2112-0.5 | 1,3-DICHLORO-2-PROPANOL | (D ₅ , 98%) | 0.5 G | ¥89,000 | C1CD2CD(OH)CD2Cl |
| DLM-2112-1.2 | 1,3-DICHLORO-2-PROPANOL | (D ₅ , 98%) 1 MG/ML IN METHANOL | 1.2 ML | ¥64,000 | C1CD2CD(OH)CD2Cl |
| DLM-2130-0.1 | N-NITROSODIMETHYLAMINE | (D ₆ , 98%) | 0.1 G | お問い合わせ (CD3)2NNO | |
| DLM-2130-S | N-NITROSODIMETHYLAMINE | (D ₆ , 98%) 1 MG/ML IN METHYLENE CHLORIDE-D2 | 1 ML | ¥55,600 | (CD3)2NNO |
| DLM-2131-0.05 | N-NITROSO-DI-N-PROPYLAMINE | (D ₁₄ , 98%) | 0.05 G | ¥143,400 | (C3D7)2NNO |
| DLM-2131-S | N-NITROSO-DI-N-PROPYLAMINE | (D ₁₄ , 98%) 1 MG/ML IN METHYLENE CHLORIDE-D2 | 1 ML | ¥55,600 | (C3D7)2NNO |
| DLM-2132-0.1 | DI-N-BUTYLAMINE | (D ₁₈ , 98%) | 0.1 G | お問い合わせ [CD3(CD2)3]2NH | |
| DLM-2133-0.1 | DIPHENYLAMINE | (DIPHENYL-D ₁₀ , 98%) | 0.1 G | ¥64,800 | C6D5NHC6D5 |
| DLM-2138-PK | BIS(2-CHLORO-1-METHYLETHYL)ETHER | (D ₁₂ , 95%) | G | お問い合わせ C6D12C120 | |
| DLM-2139-0.1 | 1,3-DICHLOROBENZENE | (D ₄ , 98%) | 0.1 G | ¥85,000 | C6D4C12 |
| DLM-2205-0.01 | 4-CHLORO-3-METHYLPHENOL | (RING-2,6-D ₂ , 98%) | 0.01 G | ¥32,600 | HOC6D2H(CH3)Cl |
| DLM-2205-0.1 | 4-CHLORO-3-METHYLPHENOL | (RING-2,6-D ₂ , 98%) | 0.1 G | ¥76,800 | HOC6D2H(CH3)Cl |
| DLM-2206-0.1 | DIBENZOTHIOPHENE | (D ₈ , 98%) | 0.1 G | ¥60,800 | C12D8S |
| DLM-2207-S | 2,4-DINITROTOLUENE | (RING-D ₃ , 98%) 1 MG/ML IN ACETONITRILE-D3 | 1 ML | ¥109,400 | C7H3D3N204 |
| DLM-2208-0.5 | N-EICOSANE | (D ₄₂ , 98%) | 0.5 G | ¥66,600 | CD3(CD2)18CD3 |
| DLM-2208-1 | N-EICOSANE | (D ₄₂ , 98%) | 1 G | ¥103,200 | CD3(CD2)18CD3 |
| DLM-2209-0.5 | N-TETRACOSANE | (D ₅₀ , 98%) | 0.5 G | ¥71,000 | CD3(CD2)22CD3 |
| DLM-2210-0.5 | N-TRIACONTANE | (D ₆₂ , 98%) 97% CHEMICAL PURITY | 0.5 G | ¥143,400 | CD3(CD2)28CD3 |
| DLM-2211-1.2 | POLY(STYRENE) | (STYRENE-D ₈ , 98%) 1 MG/ML IN TOLUENE | 1.2 ML | ¥65,800 | (C6D5CDCD2)h |
| DLM-2211-0.1 | DIPHENYL ETHER | (D ₁₀ , 98%) | 0.1 G | ¥40,400 | C6D5O6D5 |
| DLM-2211-0.5 | DIPHENYL ETHER | (D ₁₀ , 98%) | 0.5 G | ¥60,800 | C6D5O6D5 |
| DLM-2276-0.05 | DIBENZOFURAN | (D ₈ , 98%) | 0.05 G | ¥56,800 | C12D8O |
| DLM-2277-1 | 2-(4-METHYLPHENYL)PROPANE | (D ₁₄ , 98%) | 1 G | ¥117,200 | CD3C6D4CD(CD3)2 |
| DLM-2279-0.1 | ALPHA-TERPINEOL | (PROPYL Methyl-D ₃ , 98%) (CONTAINS 10% ISOMER) | 0.1 G | ¥71,000 | CH3(C6H8)(CD3)(CH3)OH |
| DLM-2279-0.5 | ALPHA-TERPINEOL | (PROPYL Methyl-D ₃ , 98%) (CONTAINS 10% ISOMER) | 0.5 G | ¥234,400 | CH3(C6H8)(CD3)(CH3)OH |
| DLM-2306-1 | HYDROQUINONE | (D ₆ , 98%) | 1 G | ¥61,400 | DOC6D4OD |
| DLM-2306-5 | HYDROQUINONE | (D ₆ , 98%) | 5 G | ¥199,200 | DOC6D4OD |
| DLM-2398-5 | M-XYLENE | (D ₁₀ , 98%) | 5 G | ¥61,400 | C6D4(CD3)2 |
| DLM-2438-1 | N-NONANE | (D ₂₀ , 98%) | 1 G | ¥40,400 | CD3(CD2)7CD3 |
| DLM-2438-5 | N-NONANE | (D ₂₀ , 98%) | 5 G | ¥133,200 | CD3(CD2)7CD3 |
| DLM-2603-5 | BENZENE | (1,3,4,5-D ₄ , 98%) | 5 G | ¥424,200 | C6H2D4 |
| DLM-263-1.2 | CHLOROBENZENE-D5 | (D, 99%) 2 MG/ML IN METHANOL | 1.2 ML | ¥29,200 | C6D5Cl |
| DLM-2634-1 | N-HEXATRIACONTANE | (D ₇₄ , 98%) | 1 G | ¥178,000 | CD3(CD2)34CD3 |
| DLM-268-5 | 1,4-DICHLOROBENZENE | (D ₄ , 98%) | 5 G | ¥119,200 | C6D4C12 |
| DLM-271-1.2 | ETHYLENE OXIDE | (STABILIZED W/ 0.1% HYDROQUINONE)(D ₈ , 98%) 1000 UG/ML IN METHYLENE CHLORIDE | 1.2 ML | お問い合わせ (CD2CD2)O | |
| DLM-271-5 | ETHYLENE OXIDE | (D ₄ , 98%) STABILIZED W/ 0.1% HYDROQUINONE | 5 G | ¥371,400 | (CD2CD2)O |
| DLM-2724-1 | N-DOTRIACONTANE | (D ₆₆ , 98%) | 1 G | ¥145,400 | CD3(CD2)30CD3 |
| DLM-277-0.1 | HEXANOIC ACID | (D ₁₁ , 98%) | 0.1 G | ¥36,600 | CD3(CD2)4COOH |
| DLM-277-1 | HEXANOIC ACID | (D ₁₁ , 98%) | 1 G | ¥105,000 | CD3(CD2)4COOH |
| DLM-28-2X-SM-1.2 | 1,4-DIOXANE-D8 (P-DIOXANE) | (D, 99%) 2 MG/ML IN METHANOL | 1.2 ML | ¥88,200 | C4D8O2 |
| DLM-28-SM-1.2 | 1,4-DIOXANE-D8 (P-DIOXANE) | (D, 99%) 1 MG/ML IN METHANOL | 1.2 ML | ¥47,400 | C4D8O2 |
| DLM-2943-1 | 2,6-D(TERT-BUTYL)-4-METHYL-PHENOL | (D ₂₁ , 98%) (BHT) | 1 G | ¥328,400 | [(CD3)3C]2C6D2(CH3)OD |
| DLM-2943-1.2 | 2,6-D(TERT-BUTYL)-4-METHYL-PHENOL | (D ₂₁ , 98%) (BHT) 100 UG/ML IN NONANE | 1.2 ML | ¥128,000 | [(CD3)3C]2C6D2(CH3)OD |
| DLM-295-0.1 | 2-NITROPHENOL-RING-D4 | (D, 98%) | 0.1 G | ¥48,600 | O2NC6D4O4H |
| DLM-295-0.25 | 2-NITROPHENOL-RING-D4 | (D, 98%) | 0.25 G | ¥97,200 | O2NC6D4O4H |
| DLM-296-0.1 | 4-NITROPHENOL-RING-D4 | (D, 98%) | 0.1 G | ¥48,600 | HOC6D4N02 |

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|---------------|--|--|--------|--------------------|-----------------------|
| DLM-296-0.25 | 4-NITROPHENOL-RING-D4 | (D, 98%) | 0.25 G | ¥95,200 | HOC6D4N02 |
| DLM-299-10 | 2,4-DINITROPHENOL 1 MG/ML IN METHANOL-OD | (RING-D ₃ , 98%) CONTAINS 0.35 MG/ML DEUTERIUM OXIDE | 10 ML | ¥114,600 | (N02)2C6D3OH |
| DLM-3014-PK | 2-CHLOROPROPENE | (D ₅ , 98%) | G | お問い合わせ CD3CIC=CD2 | |
| DLM-3016-1 | O-CRESOL | (D ₈ , 98%) | 1 G | ¥107,000 | CD3C6D4OD |
| DLM-3016-5 | O-CRESOL | (D ₈ , 98%) | 5 G | ¥317,000 | CD3C6D4OD |
| DLM-3017-1 | P-CRESOL | (D ₈ , 98%) | 1 G | ¥105,000 | CD3C6D4OD |
| DLM-3017-5 | P-CRESOL | (D ₈ , 98%) | 5 G | ¥294,600 | CD3C6D4OD |
| DLM-3022-1.2 | 3,3'-DICHLOROBENZIDINE | (DIPHENYL-D ₈ , 98%) 1 MG/ML IN BENZENE | 1.2 ML | ¥57,600 | C[NH2]C6D3-C6D3(NH2)C |
| DLM-3022-5 | 3,3'-DICHLOROBENZIDINE | (DIPHENYL-D ₈ , 98%) | 5 MG | ¥194,000 | C[NH2]C6D3-C6D3(NH2)C |
| DLM-3024-1 | 1,3-DINITROBENZENE | (D ₄ , 98%) | 1 G | ¥22,400 | O2NC6D4N02 |
| DLM-3024-5 | 1,3-DINITROBENZENE | (D ₄ , 98%) | 5 G | ¥64,800 | O2NC6D4N02 |
| DLM-3041-1.2 | PRIMIDONE | (ETHYL-D ₅ , 98%) 100 UG/ML IN METHANOL | 1.2 ML | お問い合わせ C12D5H9N2O2 | |
| DLM-3049-1 | TRICHLOROETHYLENE | (D, 98%) STABILIZED WITH ~40PPM DIISOPROPYLAMINE | 1 G | ¥117,200 | CCl2=CCl |
| DLM-3073-0.1 | 2,4-DIMETHYLPHENOL | (RING-D ₃ , 98%) | 0.1 G | ¥64,800 | (CH3)2C6D3OH |
| DLM-3073-0.25 | 2,4-DIMETHYLPHENOL | (RING-D ₃ , 98%) | 0.25 G | ¥107,000 | (CH3)2C6D3OH |
| DLM-3093-0.01 | 2,4,6-TRICHLOROPHENOL | (RING-D ₂ , 98%) | 0.01 G | ¥56,800 | C6D2C3OH |
| DLM-3093-0.1 | 2,4,6-TRICHLOROPHENOL | (RING-D ₂ , 98%) | 0.1 G | ¥83,200 | C6D2C3OH |
| DLM-3098-0.01 | N-NITROSODIPHENYLAMINE | (2,2',4,4',6,6'-D ₆ , 96%) | 0.01 G | ¥73,000 | (C6H2D3)2NNO |
| DLM-3098-S | N-NITROSODIPHENYLAMINE | (2,2',4,4',6,6'-D ₆ , 96%) 1 MG/ML IN METHYLENE CHLORIDE-D2 | 1 ML | ¥55,600 | (C6H2D3)2NNO |
| DLM-31 | | | | | |

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|-----------------|---|---|--------|------------|--------------------------|
| DLM-7663-PK | TRIETHANOLAMINE | (D ₅ , 98%) 97% CHEMICAL PURITY | G | お問い合わせ | (DOCD2CD2)3N |
| DLM-7779-S | N-NITRODIMETHYLAMINE | (DIMETHYL-D ₅ , 98%) 1MG/ML IN METHYLENE CHLORIDE-D2 | 1 ML | ¥109,400 | (CD3)2NNO2 |
| DLM-787-5 | PHthalic Acid | (RING-D ₄ , 98%) | 5 G | ¥139,600 | H00CC6D4COOH |
| DLM-7982-S | N-NITROSODIETHYLAMINE | (D ₁₀ , 98%) 1 MG/ML IN METHYLENE CHLORIDE-D2 | 1 ML | ¥55,600 | (C2D5)2NNO |
| DLM-799-1 | 1,3,5-TRICHLOROBENZENE | (D ₃ , 98%) | 1 G | ¥85,000 | C6D3Cl3 |
| DLM-820-1 | ACRYLONITRILE | (D ₃ , 98%)(+0.1% 4-METHOXYPHENOL) | 1 G | ¥159,600 | D2C=CDCN |
| DLM-820-5 | ACRYLONITRILE | (D ₃ , 98%)(+0.1% 4-METHOXYPHENOL) | 5 G | ¥550,800 | D2C=CDCN |
| DLM-821-0.1 | ACRYLAMIDE | (2,3,3-D ₃ , 98%) | 0.1 G | ¥54,000 | D2C=CDCONH2 |
| DLM-821-0.25 | ACRYLAMIDE | (2,3,3-D ₃ , 98%) | 0.25 G | ¥133,000 | D2C=CDCONH2 |
| DLM-821-1 | ACRYLAMIDE | (2,3,3-D ₃ , 98%) | 1 G | ¥199,200 | D2C=CDCONH2 |
| DLM-8252-1.2 | N-NITROSYRROLIDINE | (D ₈ , 98%) 1 MG/ML IN METHYLENE CHLORIDE-D2 | 1.2 ML | ¥94,400 | C4D8N20 |
| DLM-8254-1.2 | N-NITROSOMORPHOLINE | (D ₈ , 98%) 1 MG/ML IN METHYLENE CHLORIDE-D2 | 1.2 ML | ¥94,400 | C4D8N202 |
| DLM-862-1 | ANILINE-RING-D5 | (D, 98%) | 1 G | ¥40,400 | C6D5NH2 |
| DLM-862-5 | ANILINE-RING-D5 | (D, 98%) | 5 G | ¥107,000 | C6D5NH2 |
| DLM-872-0.1 | BROMOCHLOROMETHANE | (D ₂ , 98%) | 0.1 G | ¥97,200 | CD2BrCl |
| DLM-8811-1.2 | 2-BUTOXYETHANOL | (1,1,2,D ₄ , 99%) 1000 UG/ML IN WATER | 1.2 ML | ¥119,600 | C3H2C2H20C02CD20H |
| DLM-894-1 | IODOBENZENE | (D ₅ , 98%) | 1 G | ¥99,200 | C6D5I |
| DLM-9017-PK | DL-NORNICOTINE | (PYRIDINE-D ₄ , 98%) | G | お問い合わせ | C9H8D4N2 |
| DLM-9198-PK | 2,4,6-TRICHLOROANISOLE | (METHYL-D ₃ , 98%) | G | お問い合わせ | C13C6H20CD3 |
| DLM-9612-1.2 | TETRADECYL(TRI-N-BUTYL)PHOSPHONIUM BROMIDE | (D ₂₉ , 98%) 100 UG/ML IN ACETONE:WATER (75:25) | 1.2 ML | ¥182,000 | C26H27D29P |
| NLM-6900-PK | ACRYLONITRILE | (¹⁵ N, 98%) (0.1% 4-METHOXYPHENOL) | G | お問い合わせ | CH2=CHC*N |
| NLM-736-0.5 | DIMETHYLAMINE:HCL | (¹⁵ N, 98%)+ 97% CHEMICAL PURITY | 0.5 G | ¥181,400 | (CH3)2*NH-HCl |
| NLM-7647-S | N-NITROSODIMETHYLAMINE | (¹⁵ N ₂ , 98%) 1 MG/ML IN METHYLENE CHLORIDE | 1 ML | ¥101,000 | C2H6*N20 |
| NLM-814-1.2 | NITROGLYCERIN | (¹⁵ N ₃ , 98%+)~1000 UG/ML IN ETHANOL | 1.2 ML | ¥194,000 | O2*NOCH2CH(O*NO2)CH2*NO2 |
| PFK-HIGH-0.1 | PERFLUOROKEROSENE, HIGH-BOILING RANGE | UNLABELED | 0.1 G | ¥22,400 | NA |
| PFK-HIGH-0.5 | PERFLUOROKEROSENE, HIGH-BOILING RANGE | UNLABELED | 0.5 G | ¥60,800 | NA |
| PFK-HIGH-1 | PERFLUOROKEROSENE, HIGH-BOILING RANGE | UNLABELED | 1 G | ¥89,000 | NA |
| PFK-LOW-0.25 | PERFLUOROKEROSENE, LOW-BOILING RANGE | UNLABELED | 0.25 G | ¥22,400 | NA |
| PFK-LOW-1 | PERFLUOROKEROSENE, LOW-BOILING RANGE | UNLABELED | 1 G | ¥46,800 | NA |
| ULM-10256-1.2 | URACIL | UNLABELED 1000 UG/ML IN 1:1 METHANOL:WATER | 1.2 ML | ¥26,000 | C4H4N202 |
| ULM-10286-1.2 | N-BUTANOL | UNLABELED 10 MG/ML IN METHANOL | 1.2 ML | ¥27,200 | CH3(CH2)3OH |
| ULM-10287-1.2 | 2-METHOXYETHANOL | UNLABELED 10 MG/ML IN METHANOL | 1.2 ML | ¥27,200 | CH3OCH2CH2OH |
| ULM-10288-1.2 | ALLYL ALCOHOL | UNLABELED 10 MG/ML IN METHANOL | 1.2 ML | ¥29,000 | H2C=CHCH2OH |
| ULM-10289-1.2 | O-TOLUIDINE | UNLABELED 10 MG/ML IN METHANOL | 1.2 ML | ¥27,200 | CH3C6H4NH2 |
| ULM-10290-1.2 | QUINOLINE | UNLABELED 10 MG/ML IN METHANOL | 1.2 ML | ¥27,200 | C9H7N |
| ULM-10323-1.2 | N,N-BIS(2-HYDROXYETHYL)-N-HEXADECYLAMINE | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | ¥47,400 | C20H43N02 |
| ULM-10325-1.2 | N,N-BIS(2-HYDROXYETHYL)-N-OCTADECYLAMINE | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | ¥47,400 | C22H47N02 |
| ULM-10506-1.2 | 1,4-DIBROMOBENZENE | UNLABELED 100 UG/ML IN TOLUENE | 1.2 ML | ¥25,600 | C6H4Br2 |
| ULM-10528-1.2 | N-NITROSO-N-METHYLETHANOLAMINE | UNLABELED 5 MG/ML IN METHANOL | 1.2 ML | ¥64,000 | C3H8N202 |
| ULM-10529-1.2 | N-METHYLETHANOLAMINE | UNLABELED 5 MG/ML IN METHANOL | 1.2 ML | ¥87,600 | CH3NHC2H20H |
| ULM-10857-1.2 | N-NITROSO-N-METHYL-4-AMINOBUTYRIC ACID | UNLABELED 1 MG/ML IN METHYLENE CHLORIDE | 1.2 ML | ¥27,200 | C5H10N203 |
| ULM-10874-1.2 | (-) DELTA-9-TETRAHYDROCANNABINOL (THC) | UNLABELED (95% CP) 1000 UG/ML IN METHANOL | 1.2 ML | ¥18,400 | C21H3002 |
| ULM-10875-1.2 | CANNABINOL (CBN) | UNLABELED 1000 UG/ML IN METHANOL | 1.2 ML | ¥18,400 | C21H2602 |
| ULM-10876-1.2 | CANNABIDIOL (CBD) | UNLABELED 1000 UG/ML IN METHANOL | 1.2 ML | ¥18,400 | C21H3002 |
| ULM-10877-1.2 | CANNABIGEROL (CBG) | UNLABELED 1000 UG/ML IN METHANOL | 1.2 ML | ¥81,000 | C21H3202 |
| ULM-10878-1.2 | CANNABICHROMENE (CBC) | UNLABELED 1000 UG/ML IN METHANOL | 1.2 ML | ¥51,800 | C21H3002 |
| ULM-10916-1.2 | CANNABIVARIN (CBV) | UNLABELED (97% CP) 1000 UG/ML IN METHANOL | 1.2 ML | ¥40,600 | C19H2202 |
| ULM-10972-1.2 | 5-ANDROSTEN-3BETA,17BETA-DIOL | UNLABELED 100 UG/ML IN METHANOL (95% CP) | 1.2 ML | ¥45,800 | C19H3002 |
| ULM-11045-1.2 | MENTHOL | UNLABELED 1 MG/ML IN METHANOL | 1.2 ML | ¥45,800 | C10H200 |
| ULM-11055-1.2 | VITAMIN E ACETATE (ALPHA-TOCOPHEROL ACETATE) | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥33,800 | C31H5203 |
| ULM-11060-1.2 | NICOTELLINE | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥81,000 | C15H11N3 |
| ULM-11061-1.2 | NICOTELLINE-N-OXIDE (MIX OF REGIOISOMERS) | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | ¥97,600 | NA |
| ULM-11062-1.2 | (+)-TRANS-3'-HYDROXYCOTININE | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥33,800 | C10H12N202 |
| ULM-11062-M-1.2 | (+)-TRANS-3'-HYDROXYCOTININE | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | ¥33,800 | C10H12N202 |
| ULM-11075-1.2 | CIS/TRANS-ANATALLINE:3HCl | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | ¥81,000 | C15H20N3Cl3 |
| ULM-11131-1.2 | TETRAHYDROCANNABIVARIN (THCV) | UNLABELED (95% CP) 1000 UG/ML IN METHANOL | 1.2 ML | ¥78,800 | C19H2602 |
| ULM-11132-1.2 | CANNABIDIVARIN (CBDV) | UNLABELED 1000 UG/ML IN METHANOL | 1.2 ML | ¥85,400 | C19H2602 |
| ULM-11187-1.2 | TRANS-3'-HYDROXYCOTININE-G-GLUCURONIDE, AMMONIUM SALT | (UNLABELED) 100 UG/ML IN METHANOL (CP 97%) | 1.2 ML | ¥45,800 | C16H23N308 |
| ULM-11189-A-1.2 | 11-DEHYDROCORTICOSTERONE | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥45,800 | C21H2804 |
| ULM-11191-1.2 | 4-HYDROXYHIPPURIC ACID (CP 96%) | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | ¥45,800 | C9H9N04 |

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|---------------|--|---|-----------|------------|---------------|
| ULM-11197-1.2 | N-NITROSPIPERIDINE | UNLABELED 1 MG/ML IN METHYLENE CHLORIDE | 1.2 ML | ¥35,600 | C5H10N20 |
| ULM-11198-1.2 | N-NITROSO-DI-N-BUTYLAMINE | UNLABELED 1 MG/ML IN METHYLENE CHLORIDE | 1.2 ML | ¥35,600 | C8H18N20 |
| ULM-12280-1.2 | N-NITROSOMETHYLETHYLAMINE (CP 95%) | UNLABELED 1 MG/ML IN METHYLENE CHLORIDE | 1.2 ML | ¥33,800 | C3H2NICH3NO |
| ULM-12285-1.2 | 6-SULFATOXYMELATONIN, SODIUM SALT (95% CP) | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | ¥42,200 | C13H15N2Na06S |
| ULM-12288-1.2 | 6PPD-QUINONE (CHEMICAL PURITY 95%) | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥44,000 | C18H22N202 |
| ULM-12298-1ML | 3,3'-DICHLOROBENZIDINE | UNLABELED 2000 UG/ML IN METHANOL | 1 ML | ¥44,200 | C12H10Cl2N2 |
| ULM-12311-1.2 | 2-CHLOROETHANOL | UNLABELED 1000 UG/ML IN METHANOL | 1.2 ML | ¥33,000 | C1(H2)2OH |
| ULM-1700-0.1 | 5,6-DICHLOROVANILLIN | UNLABELED | 0.1 G | ¥153,600 | C8H6Cl203 |
| ULM-1701-0.1 | 4-CHLOROCATECHOL | UNLABELED (CHEM. PURITY 90-95%) | 0.1 G | ¥85,000 | C6H5ClO2 |
| ULM-1702-0.1 | 4,5-DICHLOROCATECHOL | UNLABELED (CHEM. PURITY 95-99%) | 0.1 G | ¥121,200 | C6H4Cl202 |
| ULM-1703-0.1 | 3,4,5-TRICHLOROCATECHOL | UNLABELED | 0.1 G | ¥111,400 | C6H3Cl3O2 |
| ULM-1704-0.1 | 3,4,5,6-TETRACHLOROCATECHOL | UNLABELED | 0.1 G | ¥76,800 | C6H2Cl4O2 |
| ULM-1705-0.1 | 4-CHLOROGUAIACOL | UNLABELED (CHEM PURITY 85-90%) | 0.1 G | ¥111,400 | C7H7ClO2 |
| ULM-1709-1.2 | OCTACHLOROSTYRENE | UNLABELED 100 UG/ML IN ISOCTANE | 1.2 ML | ¥35,600 | C8Cl8 |
| ULM-1710-0.5 | BIPHENYL | UNLABELED | 0.5 G | ¥18,600 | (C6H5)2 |
| ULM-1710-1.2 | BIPHENYL | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥45,800 | (C6H5)2 |
| ULM-1711-1.2 | DIBENZO-P-DIOXIN | UNLABELED 50 UG/ML IN NONANE | 1.2 ML | ¥45,800 | C12H8O2 |
| ULM-1712-1.2 | DIBENZOFURAN | UNLABELED 50 UG/ML IN NONANE | 1.2 ML | ¥45,800 | C12H8O |
| ULM-2286-0.1 | BIS-ACETYL-4-CHLOROCATECHOL | UNLABELED | 0.1 G | ¥131,400 | C10H9ClO4 |
| ULM-2323-4X25 | N-NONANE | UNLABELED | 4 X 25 ML | ¥3 | |

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|------------------|--|--|--------|------------|----------------------|
| ULM-7403-1.2 | EPICHLOROHYDRIN | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | \$35,600 | C3H5OCl |
| ULM-7415-1.2 | 1,2-DICHLOROBENZENE | UNLABELED 100 UG/ML IN ISOCTANE | 1.2 ML | \$35,600 | C6H4Cl2 |
| ULM-7420-1.2 | 4-CHLOROPHENOL | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | \$35,600 | C1C6H4OH |
| ULM-7431-1.2 | 1,3-DICHLOROBENZENE | UNLABELED 100 UG/ML IN ISOCTANE | 1.2 ML | \$35,600 | C6H4Cl2 |
| ULM-7494-1.2 | 2,6-D(TERT-BUTYL)-4-METHYL PHENOL | UNLABELED (BHT) 100 UG/ML IN NONANE | 1.2 ML | \$18,800 | C15H24O |
| ULM-7526-1.2 | HEXACHLORO-1,3-BUTADIENE | UNLABELED 100 UG/ML IN ISOCTANE | 1.2 ML | \$35,600 | C4Cl6 |
| ULM-7598-1.2 | 1,2,4,5-TETRACHLOROBENZENE | UNLABELED 100 UG/ML IN ISOCTANE | 1.2 ML | \$35,600 | C6H2Cl4 |
| ULM-7600-1.2 | 2,4,6-TRICHLOROPHENOL | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | \$35,600 | C6H3Cl3O |
| ULM-7600-SI-1.2 | 2,4,6-TRICHLOROPHENOL | UNLABELED 100 UG/ML IN ISOCTANE | 1.2 ML | \$33,800 | C6H3Cl3O |
| ULM-7603-1.2 | 2,6-DIBROMOPHENOL | UNLABELED 100 UG/ML IN TOLUENE | 1.2 ML | \$47,400 | C6H4Br2O |
| ULM-7607-1.2 | HEXA BROMOBENZENE | UNLABELED 100 UG/ML IN TOLUENE | 1.2 ML | \$47,400 | C6Br6 |
| ULM-7780-S | N-NITRODIMETHYLAMINE | UNLABELED 1MG/ML IN METHYLENE CHLORIDE | 1 ML | \$54,000 | C2H6N2O2 |
| ULM-7840-1.2 | 1,4-DIOXANE (P-DIOXANE) | UNLABELED 1 MG/ML IN METHANOL | 1.2 ML | \$27,200 | C4H8O2 |
| ULM-7870-1.2 | LEUCOMALACHITE GREEN | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | \$82,600 | C6H5CH(C6H4N(CH3)2)2 |
| ULM-7969-S | HMX | UNLABELED 1 MG/ML IN CH3CN | 1 ML | \$35,600 | C4H8N8O8 |
| ULM-7984-1.2 | N-NITROSODIETHYLAMINE | UNLABELED 1 MG/ML IN METHYLENE CHLORIDE | 1.2 ML | \$27,200 | (C2H5)2NNO |
| ULM-8061-1.2 | TRIBUTYLtin CHLORIDE (97% CHEMICAL PURITY) | UNLABELED 100 UG/ML IN METHYLENE CHLORIDE | 1.2 ML | \$47,400 | C12H27ClSn |
| ULM-8092-1.2 | 1,3-DICHLORO-2-PROPANOL | UNLABELED 1 MG/ML IN METHANOL | 1.2 ML | \$35,600 | (C1CH2)2CHOH |
| ULM-8138-1.2 | CHLOROBENZENE | UNLABELED 2 MG/ML IN METHANOL | 1.2 ML | \$17,000 | C6H5Cl |
| ULM-8147-1.2 | TETRAMETHYLENEDISULFOTETRAMINE | UNLABELED 1000 UG/ML IN METHANOL | 1.2 ML | \$64,000 | C4H8N4O4S2 |
| ULM-8156-1.2 | MELAMINE | UNLABELED 100 UG/ML IN WATER | 1.2 ML | \$35,600 | C3H6N6 |
| ULM-8157-1.2 | CYANURIC ACID | UNLABELED 100 UG/ML IN WATER | 1.2 ML | \$35,600 | C3H3N3O3 |
| ULM-8205-1.2 | L-PHENYLALANINE | UNLABELED 1000 UG/ML IN 1:1 METHANOL:WATER | 1.2 ML | \$21,000 | C6H5CH2CH(NH2)CO2H |
| ULM-8224-1.2 | VINYL CHLORIDE | UNLABELED 50 UG/ML IN METHANOL | 1.2 ML | \$18,800 | H2C=CHCl |
| ULM-8253-1.2 | N-NITROSPYRROLIDINE | UNLABELED 1 MG/ML IN METHYLENE CHLORIDE | 1.2 ML | \$35,600 | C4H8N2O |
| ULM-8255-1.2 | N-NITROSMORPHOLINE 96% CHEMICAL PURITY | UNLABELED 1 MG/ML IN METHYLENE CHLORIDE | 1.2 ML | \$35,600 | C4H8N2O2 |
| ULM-8301-MT-1.2 | PHTHALIC ACID | UNLABELED 100 UG/ML IN MTBE | 1.2 ML | \$27,200 | C6H4-1,2-(CO2H)2 |
| ULM-8349-1.2 | CLONIDINE | UNLABELED 100 MG/ML IN METHANOL | 1.2 ML | \$22,000 | C9H9Cl2N3 |
| ULM-8590-1.2 | AMMELIDE UNLABELED (~92% CHEMICAL PURITY) | 100 UG/ML IN WATER/DIETHYLAMINE (80/20 V/V) | 1.2 ML | \$47,400 | C3H4N4O2 |
| ULM-8706-10 | 2,4-DINITROPHENOL 1 MG/ML IN METHANOL | UNLABELED CONTAINS 0.35MG/ML WATER | 10 ML | \$55,600 | (O2N)2C6H3OH |
| ULM-8807-1.2 | SODIUM BIS(2-ETHYLHEXYL)SULFOSUCCINATE | UNLABELED 100 UG/ML ACETONITRILE | 1.2 ML | \$35,600 | C20H37NaO7S |
| ULM-8892-1.2 | 4-NITROPHENOL | UNLABELED 1 MG/ML IN METHANOL | 1.2 ML | \$27,200 | O2NC6H4OH |
| ULM-8892-PK | 4-NITROPHENOL | UNLABELED | G | お問い合わせ | O2NC6H4OH |
| ULM-8917-1.2 | 1,5,5,6,6,10-HEXACHLORODECANE | UNLABELED 95%+ PURE 100 UG/ML IN NONANE | 1.2 ML | \$71,000 | C10H16Cl6 |
| ULM-8984-1.2 | TETRACHLORO-M-XYLENE | UNLABELED 100 UG/ML IN ISOCTANE | 1.2 ML | \$27,200 | C8H6Cl4 |
| ULM-8987-1.2 | NNK 100 UG/ML IN NONANE/ETHANOL (9:1) | UNLABELED | 1.2 ML | \$47,400 | C10H13N3O2 |
| ULM-8987-20X-1.2 | NNK | UNLABELED 2 MG/ML IN ACETONITRILE | 1.2 ML | \$71,000 | C10H13N3O2 |
| ULM-8991-1.2 | PENTABROMOANISOLE | UNLABELED 100 UG/ML IN TOLUENE | 1.2 ML | \$35,600 | C7H3Br5O |
| ULM-9042-S | N-NITROSODIMETHYLAMINE | UNLABELED 1 MG/ML IN METHYLENE CHLORIDE | 1 ML | \$27,200 | (CH3)2NNO |
| ULM-9046-1.2 | 2-BUTOXYETHANOL | UNLABELED 1000 UG/ML IN WATER | 1.2 ML | \$27,200 | C6H14O2 |
| ULM-9066-1.2 | 2,5-DICHLOROPHENOL | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | \$35,600 | C12C6H3OH |
| ULM-9093-1.2 | MENTHOL GLUCURONIDE, AMMONIUM SALT | UNLABELED 100 UG/ML IN METHANOL (CP 95%) | 1.2 ML | \$45,800 | C16H28O7-NH3 |
| ULM-9127-1.2 | VITAMIN E (ALPHA-TOCOPHEROL) | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | \$33,800 | C29H50O2 |
| ULM-9350-1.2 | 4-DODECYLBENZENESULFONIC ACID, SODIUM SALT(CP,95%) | UNLABELED 10 UG/ML IN METHANOL | 1.2 ML | \$35,600 | C18H29NaO3S |
| ULM-9367-1.2 | 2,4,5-TRIBROMOANISOLE | UNLABELED 100 UG/ML IN TOLUENE | 1.2 ML | \$47,400 | C7H5Br3O |
| ULM-9369-1.2 | 2,4-DIBROMOANISOLE | UNLABELED 100 UG/ML IN TOLUENE | 1.2 ML | \$47,400 | Br2C6H3OCH3 |
| ULM-9370-1.2 | 2,4,6-TRIBROMOANISOLE | UNLABELED 100 UG/ML IN TOLUENE | 1.2 ML | \$47,400 | Br3C6H2OCH3 |
| ULM-9406-1.2 | NNN 0.1 MG/ML IN ACETONITRILE | UNLABELED | 1.2 ML | \$47,400 | C9H11N3O |
| ULM-9406-20X-1.2 | NNN | UNLABELED 2 MG/ML IN ACETONITRILE | 1.2 ML | \$71,000 | C9H11N3O |
| ULM-9434-1.2 | NNAL 100 UG/ML IN ACETONITRILE | UNLABELED | 1.2 ML | \$47,400 | C10H15N3O2 |
| ULM-9434-20X-1.2 | NNAL | UNLABELED 2 MG/ML IN ACETONITRILE | 1.2 ML | \$71,000 | C10H15N3O2 |
| ULM-9465-1.2 | N,N'-DIPHENYL-P-PHENYLENEDIAMINE | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | \$42,200 | C18H16N2 |
| ULM-9485-1.2 | 1,1,1,3,10,12,12,12-OCTACHLORODODECANE | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | \$71,000 | C21H18Cl8 |
| ULM-9547-1.2 | NICOTINE | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | \$35,600 | C10H14N2 |
| ULM-9609-1.2 | TETRADECYL(TRI-N-BUTYL)PHOSPHONIUM CHLORIDE | UNLABELED 100 UG/ML IN ACETONE:WATER (75:25) | 1.2 ML | \$35,600 | C26H56ClP |
| ULM-9614-1.2 | COTININE | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | \$38,000 | C10H12N2O |
| ULM-9614-W-1.2 | COTININE | UNLABELED 100 UG/ML IN WATER | 1.2 ML | \$38,000 | C10H12N2O |
| ULM-9615-1.2 | NORCOTININE | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | \$38,000 | C9H10N2O |

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|-------------------|---------------------------------|---|--------|------------|-----------|
| ECN-5490-200X-1.2 | PCN CLEANUP SOLUTION | (¹³ C ₁₀ , 99%) 200X STOCK IN ISOCTANE | 1.2 ML | \$205,800 | NA |
| DLM-2005-0.01 | 2-CHLORONAPHTHALENE | (D ₇ , 98%) | 0.01 G | \$131,400 | C10D7Cl |
| DLM-2005-0.1 | 2-CHLORONAPHTHALENE | (D ₇ , 98%) | 0.1 G | \$458,400 | C10D7Cl |
| DLM-2005-1.2 | 2-CHLORONAPHTHALENE | (D ₇ , 98%) 100 UG/ML IN NONANE | 1.2 ML | \$82,600 | C10D7Cl |
| EC-4979-A | MONO-OCTA PCN SYRINGE SPIKE | (¹³ C ₁₂ , 99%) 1000 NG/ML IN NONANE | 1.2 ML | \$228,000 | NA |
| ECN-1000 | HALOWAX 1000 | UNLABELED 100 UG/ML IN HEXANE | 2 ML | \$50,600 | NA |
| ECN-1001 | HALOWAX 1001 | UNLABELED 100 UG/ML IN HEXANE | 2 ML | \$49,000 | NA |
| ECN-1013 | HALOWAX 1013 | UNLABELED 100 UG/ML IN HEXANE | 2 ML | \$50,600 | NA |
| ECN-1051 | HALOWAX 1051 | UNLABELED 100 UG/ML IN HEXANE | 2 ML | \$50,600 | NA |
| ECN-2610 | 1-MONOCN | (PCN-1) UNLABELED 100 UG/ML IN NONANE | 1 ML | \$47,400 | C10H7Cl |
| ECN-2611 | 2-MONOCN | (PCN-2) UNLABELED 100 UG/ML IN NONANE | 1 ML | \$47,400 | C10H7Cl |
| ECN-2620 | 1,2-DICN | (PCN-3) UNLABELED 100 UG/ML IN NONANE | 1 ML | \$92,800 | C10H6Cl2 |
| ECN-2621 | 1,4-DICN | (PCN-5) UNLABELED 100 UG/ML IN NONANE | 1 ML | \$92,800 | C10H6Cl2 |
| ECN-2622 | 1,5-DICN | (PCN-6) UNLABELED 100 UG/ML IN NONANE | 1 ML | \$92,800 | "C10H6Cl2 |
| ECN-2623 | 1,8-DICN | (PCN-9) UNLABELED 100 UG/ML IN NONANE | 1 ML | \$92,800 | C10H6Cl2 |
| ECN-2624 | 2,3-DICN | (PCN-10) UNLABELED 100 UG/ML IN NONANE | 1 ML | \$92,800 | C10H6Cl2 |
| ECN-2630 | 1,2,3-TRICN | (PCN-13) UNLABELED 100 UG/ML IN NONANE | 1 ML | \$111,000 | C10H5Cl3 |
| ECN-2631 | 1,4,6-TRICN 97% CHEMICAL PURITY | (PCN-24) UNLABELED 100 UG/ML IN NONANE | 1 ML | \$108,000 | C10H5Cl3 |
| ECN-2632 | 1,2,4-TRICN | (PCN-14) UNLABELED 100 UG/ML IN NONANE | 1 ML | \$108,000 | C10H5Cl3 |
| ECN-2640 | 1,2,3,4-TETRACN | (PCN-27) UNLABELED 100 UG/ML IN NONANE | 1 ML | \$111,000 | C10H4Cl4 |
| ECN-2641 | 1,3,5,7-TETRACN | (PCN-42) UNLABELED 100 UG/ML IN NONANE | 1 ML | \$111,000 | C10H4Cl4 |
| ECN-2642 | 1,2,5,6-TETRACN | (PCN-36) UNLABELED 100 UG/ML IN NONANE | 1 ML | \$111,000 | C10H4Cl4 |
| ECN-2643 | 2,3,6,7-TETRACN | (PCN-48) UNLABELED 100 UG/ML IN NONANE | 1 ML | \$111,000 | C10H4Cl4 |

Polycyclic Aromatic Compound (PAC) Standards and Standard Mixtures

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|-----------------|---|--|------------|------------|-----------|
| ECN-5260 | 1,2,3,4,5,7-HEXACN | (PCN-64) (¹³ C ₁₀ , 99%) 10 UG/ML IN ISOCTANE | 1.2 ML | ¥182,000 | *C10H2Cl6 |
| ECN-5261-A | 1,2,3,5,6,7-HEXACN | (PCN-67) (¹³ C ₁₀ , 98%) 10 UG/ML IN ISOCTANE | 1.2 ML | ¥182,000 | *C10H2Cl6 |
| ECN-5267 | 1,2,3,4,5,8-HEXACN | (PCN-65) (¹³ C ₁₀ , 99%) 10 UG/ML IN ISOCTANE | 1.2 ML | ¥182,000 | *C10H2Cl6 |
| ECN-5270-A | 1,2,3,4,5,6,7-HEPTACN | (PCN-73) (¹³ C ₁₀ , 98%) 10 UG/ML IN ISOCTANE | 1.2 ML | ¥182,000 | *C10HCl7 |
| ECN-5280 | OCTACN | (PCN-75) (¹³ C ₁₀ , 99%) 10 UG/ML IN ISOCTANE | 1.2 ML | ¥182,000 | C10Cl8 |
| ECN-5310 | PCN SERUM SRM SPIKE SOLUTION | UNLabeled | 1.2 ML | お問い合わせ | NA |
| ECN-5489 | PCN CALIBRATION SOLUTIONS CS1 - CS7 | (UNLabeled/ ¹³ C ₁₀ , 99%) IN NONANE | 7 X 0.5 ML | ¥1,018,800 | NA |
| ECN-5489-CS1 | PCN CALIBRATION SOLUTION CS1 | (UNLabeled/ ¹³ C ₁₀ , 99%) IN NONANE | 0.5 ML | ¥173,400 | NA |
| ECN-5489-CS2 | PCN CALIBRATION SOLUTION CS2 | (UNLabeled/ ¹³ C ₁₀ , 99%) IN NONANE | 0.5 ML | ¥173,400 | NA |
| ECN-5489-CS3 | PCN CALIBRATION SOLUTION CS3 | (UNLabeled/ ¹³ C ₁₀ , 99%) IN NONANE | 0.5 ML | ¥173,400 | NA |
| ECN-5489-CS4 | PCN CALIBRATION SOLUTION CS4 | (UNLabeled/ ¹³ C ₁₀ , 99%) IN NONANE | 0.5 ML | ¥173,400 | NA |
| ECN-5489-CS5 | PCN CALIBRATION SOLUTION CS5 | (UNLabeled/ ¹³ C ₁₀ , 99%) IN NONANE | 0.5 ML | ¥173,400 | NA |
| ECN-5489-CS6 | PCN CALIBRATION SOLUTION CS6 | (UNLabeled/ ¹³ C ₁₀ , 99%) IN NONANE | 0.5 ML | ¥173,400 | NA |
| ECN-5489-CS7 | PCN CALIBRATION SOLUTION CS7 | (UNLabeled/ ¹³ C ₁₀ , 99%) IN NONANE | 0.5 ML | ¥173,400 | NA |
| ECN-5490 | PCN CLEANUP SOLUTION | (¹³ C ₁₀ , 99%) IN METHANOL:ISOCTANE | 5 ML | ¥55,600 | NA |
| ECN-5490-5X5ML | PCN CLEANUP SOLUTION | (¹³ C ₁₀ , 99%) IN METHANOL:ISOCTANE | 5 X 5 ML | ¥218,800 | NA |
| ECN-5497 | PCN NATIVE PAR SOLUTION | UNLabeled 1000 NG/ML IN NONANE | 1.2 ML | ¥165,000 | NA |
| ECN-5520 | 1,5-DICN | (PCN-6) (¹³ C ₁₀ , 99%) 10 UG/ML IN ISOCTANE | 1.2 ML | ¥161,000 | *C10H6Cl2 |
| ECN-5558 | MONO-OCTA PCN NATIVE MIXTURE | UNLabeled 1 UG/ML IN NONANE | 1.2 ML | ¥208,600 | NA |
| ECN-5575 | 1,2,3-TRICN | (PCN-13) (¹³ C ₁₀ , 99%) 10 UG/ML IN ISOCTANE | 1.2 ML | ¥169,000 | *C10H5Cl3 |
| ECN-5577 | MONO-OCTA PCN CALIBRATION SOLUTIONS (CS1-CS5) | (UNLabeled/ ¹³ C ₁₀ , 99%) | 5 X 0.25ML | ¥623,000 | NA |
| ECN-5577-CS1 | MONO-OCTA PCN CALIBRATION SOLUTION CS1 | (UNLabeled/ ¹³ C ₁₀ , 99%) | 0.25 ML | ¥133,000 | NA |
| ECN-5577-CS2 | MONO-OCTA PCN CALIBRATION SOLUTION CS2 | (UNLabeled/ ¹³ C ₁₀ , 99%) | 0.25 ML | ¥133,000 | NA |
| ECN-5577-CS3 | MONO-OCTA PCN CALIBRATION SOLUTION CS3 | (UNLabeled/ ¹³ C ₁₀ , 99%) | 0.25 ML | ¥133,000 | NA |
| ECN-5577-CS4 | MONO-OCTA PCN CALIBRATION SOLUTION CS4 | (UNLabeled/ ¹³ C ₁₀ , 99%) | 0.25 ML | ¥133,000 | NA |
| ECN-5577-CS5 | MONO-OCTA PCN CALIBRATION SOLUTION CS5 | (UNLabeled/ ¹³ C ₁₀ , 99%) | 0.25 ML | ¥133,000 | NA |
| ECN-5577-CS6 | MONO-OCTA PCN CALIBRATION SOLUTION CS6 | (UNLabeled/ ¹³ C ₁₀ , 99%) | 0.25 ML | ¥133,000 | NA |
| ECN-5578 | MONO-OCTA PCN CLEANUP SPIKE | (¹³ C ₁₀ , 99%) 1000 NG/ML IN ISOCTANE | 1.2 ML | ¥409,000 | NA |
| ECN-5580 | MONO-OCTA PCN NATIVE PAR SOLUTION | UNLabeled 2000 NG/ML IN NONANE | 1.2 ML | ¥284,000 | NA |
| ECN-5580-1/1000 | MONO-OCTA PCN NATIVE PAR SOLUTION | UNLabeled 2 NG/ML IN NONANE | 1.2 ML | ¥60,800 | NA |
| ECN-5602 | 1,8-DICN | (PCN-9) (¹³ C ₁₀ , 99%) 10 UG/ML IN ISOCTANE | 1.2 ML | ¥161,000 | *C10H6Cl2 |
| ECN-5603 | MONO-OCTA PCN SAMPLING SPIKE | (¹³ C ₁₀ , 99%) 1000 NG/ML IN ISOCTANE | 1.2 ML | ¥136,600 | NA |

Polycyclic Aromatic Compound (PAC) Standards and Standard Mixtures

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|--------------|------------------------|--|--------|------------|------------|
| CLM-1332-1.2 | NAPHTHALENE | (¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥173,000 | C4*C6H8 |
| CLM-1364-1.2 | BENZO[GH]PERYLENE | (¹³ C ₁₂ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥262,000 | C10*C12H12 |
| CLM-2451-1.2 | PHENANTHRENE | (¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥238,400 | C8*C6H10 |
| CLM-2722-1.2 | BENZO[A]PYRENE | (¹³ C ₄ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥404,000 | C16*C4H12 |
| CLM-3596-1.2 | FLUORENE | (¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥289,800 | C7*C6H10 |
| CLM-3597-1.2 | FLUORANTHENE | (¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥392,600 | C10*C6H10 |
| CLM-3598-1.2 | DIBENZ[A,H]ANTHRACENE | (¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥404,000 | C10*C6H14 |
| CLM-3599-1.2 | BENZO[B]FLUORANTHENE | (¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥278,200 | C14*C6H12 |
| CLM-3600-1.2 | INDENO[1,2,3-CD]PYRENE | (¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥289,800 | C16*C6H12 |
| CLM-3601-1.2 | PYRENE | (¹³ C ₃ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥364,200 | C13*C3H10 |
| CLM-3602-1.2 | BENZ[A]ANTHRACENE | (¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥364,200 | C12*C6H12 |
| CLM-3756-1.2 | BENZO[K]FLUORANTHENE | (¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥269,000 | C14*C6H12 |
| CLM-3757-1.2 | CHRYSENE | (¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥278,200 | C12*C6H12 |
| CLM-3835-1.2 | DIBENZO[A,E]PYRENE | (¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥283,000 | C18*C6H14 |
| ES-4087 | US EPA 16 PAH COCKTAIL | (¹³ C, 99%) | 1.2 ML | ¥538,000 | NA |

Polycyclic Aromatic Compound (PAC) Standards and Standard Mixtures

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|------------------|--|---|------------|------------|--------------|
| CDLM-9731-1.2 | BENZ[E]ACEANTHRYLENE / BENZ[J]ACEANTHRYLENE | (¹³ C ₂ , 94%; D ₂ , 94%) 100 UG/ML IN NONANE | 1.2 ML | ¥291,000 | *C2C18D2H10 |
| CLM-1333-1.2 | ANTHRACENE | (¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥214,000 | C8*C6H10 |
| CLM-1643-1.2 | ACENAPHTHENE | (¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥341,200 | C6*C6H10 |
| CLM-2477-1.2 | ACENAPHTHYLENE | (¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥352,600 | C6*C6H8 |
| CLM-3621-1.2 | 2-METHYLNAPHTHALENE | (¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥238,400 | C5*C6H10 |
| CLM-3774-A | DIBENZO[A,J]PYRENE | (¹³ C ₁₂ , 99%) 50 UG/ML IN NONANE | 1.2 ML | ¥274,600 | *C12C12H14 |
| CLM-3774-A-T-1.2 | DIBENZO[A,J]PYRENE | (¹³ C ₁₂ , 99%) 50 UG/ML IN TOLUENE | 1.2 ML | ¥274,600 | *C12C12H14 |
| CLM-4748-0.1 | 1,6-ANHYDRO-BETA-D-GLUCOSE (LEVOGLUCOSAN) | (U- ¹³ C ₆ , 98%) | 0.1 G | ¥230,400 | *C6H10O5 |
| CLM-4748-1.2 | 1,6-ANHYDRO-BETA-D-GLUCOSE (LEVOGLUCOSAN) | (U- ¹³ C ₆ , 98%) 100 UG/ML IN DMSO | 1.2 ML | ¥136,600 | *C6H10O5 |
| CLM-4859-T-1.2 | 3-HYDROXYPHENANTHRENE | (¹³ C ₆ , 98%) 50 UG/ML IN TOLUENE | 1.2 ML | ¥269,000 | C8*C6H10 |
| CLM-4860-T-1.2 | 6-HYDROXYCHRYSENE (MIX OF RING LABELING) | (¹³ C ₆ , 98%) 50 UG/ML IN TOLUENE | 1.2 ML | ¥310,800 | *C6C12H12O |
| CLM-6087-1.2 | 2-HYDROXYFLUORENE | (RANDOM- ¹³ C ₆ , 99%) 50 UG/ML IN TOLUENE | 1.2 ML | ¥310,800 | C7*C6H10 |
| CLM-6170-1.2 | BENZO[E]PYRENE | (¹³ C ₄ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥404,000 | *C4C16H12 |
| CLM-7245-1.2 | (+/-)BENZO[A]PYRENE-R-7,T-8,C-9,C-10-TETRAHYDROTETROL | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN METHANOL | 1.2 ML | ¥411,800 | C14*C6H16O4 |
| CLM-7246-1.2 | (+/-)BENZO[A]PYRENE-R-7,T-8,T-9,C-10-TETRAHYDRO-TETROL | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN MEOH (CP>97%) | 1.2 ML | ¥411,800 | C14*C6H16O4 |
| CLM-7308-1.2 | (+/-)BENZO[A]PYRENE-R-7,T-8,C-9,T-10-TETRAHYDRO-TETROL | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN MEOH (97% CP) | 1.2 ML | ¥411,800 | C14*C6H16O4 |
| CLM-7627-1.2 | (+/-)BENZO[A]PYRENE-R-7,T-8,T-9,T-10-TETRAHYDRO-TETROL | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN METHANOL | 1.2 ML | ¥411,800 | C14*C6H16O4 |
| CLM-7669-1.2 | 1-HYDROXYPHENANTHRENE | (¹³ C ₆ , 99%) 50 UG/ML IN TOLUENE | 1.2 ML | ¥310,800 | C10*C4H100 |
| CLM-7670-1.2 | 4-HYDROXYPHENANTHRENE | (¹³ C ₆ , 99%) 50 UG/ML IN TOLUENE | 1.2 ML | ¥310,800 | C10*C4H100 |
| CLM-7700-1.2 | 9-HYDROXYFLUORENE | (¹³ C ₆ , 99%) 50 UG/ML IN TOLUENE | 1.2 ML | ¥310,800 | *C6C7H100 |
| CLM-7701-1.2 | 1-HYDROXYNAPHTHALENE (1-NAPHTHOL) | (¹³ C ₆ , 99%) 50 UG/ML IN TOLUENE | 1.2 ML | ¥269,000 | C4*C6H8O |
| CLM-7713-1.2 | 2-HYDROXYNAPHTHALENE (2-NAPHTHOL) (95% CP) | (¹³ C ₆ , 99%) 50 UG/ML IN TOLUENE | 1.2 ML | ¥269,000 | C4*C6H8O |
| CLM-8267-1.2 | 1-CHLOROPYRENE | (¹³ C ₆ , 99%) 50 UG/ML IN TOLUENE | 1.2 ML | ¥404,000 | C10*C6H9Cl |
| CLM-8463-T-1.2 | 2-HYDROXYPHENANTHRENE | (¹³ C ₆ , 99%) 50 UG/ML IN TOLUENE | 1.2 ML | ¥269,000 | *C6C8H100 |
| CLM-8977-1.2 | 3-HYDROXYFLUORENE | (¹³ C ₆ , 98%) 50 UG/ML IN TOLUENE | 1.2 ML | ¥310,800 | *C6C7H100 |
| CLM-8989-1.2 | 7-CHLOROBENZ[A]ANTHRACENE | (¹³ C ₆ , 99%) 50 UG/ML IN TOLUENE | 1.2 ML | ¥404,000 | C12*C6H11Cl |
| CLM-9012-1.2 | 1-HYDROXPYRENE | (¹³ C ₆ , 99%) 50 UG/ML IN TOLUENE | 1.2 ML | ¥310,800 | *C6C10H100 |
| CLM-9028-1.2 | 7-BROMOBENZ[A]ANTHRACENE | (¹³ C ₆ , 99%) 50UG/ML IN TOLUENE | 1.2 ML | ¥404,000 | C12*C6H11Br |
| CLM-9029-1.2 | 7,12-DICHLOROBENZ[A]ANTHRACENE | (¹³ C ₆ , 99%) 50 UG/ML IN TOLUENE | 1.2 ML | ¥411,800 | C12*C6H10Cl2 |
| CLM-9165-T-1.2 | DIBENZO[A,H]PYRENE | (¹³ C ₁₂ , 99%) 100 UG/ML IN TOLUENE | 1.2 ML | ¥329,600 | *C12C12H14 |
| CLM-9167-1.2 | CYCLOPENTA[CD]PYRENE | (¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥329,600 | *C6C12H10 |
| CLM-9363-1.2 | BENZO[C]FLUORENE | (¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥329,600 | *C6C11H12 |
| CLM-9499-1.2 | DIBENZO[A,L]PYRENE | (¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥291,000 | *C6C18H14 |
| CLM-9590-1.2 | BENZO[J]FLUORANTHENE | (¹³ C ₁₂ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥291,000 | *C12C8H12 |
| CLM-9610-1.2 | BENZO[B]FURAN | (¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥289,800 | *C6C2H6O |
| CLM-9729-1.2 | 5-METHYLCHRYSENE | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥255,600 | C13*C6H14 |
| CLM-9730-1.2 | BENZO[C]PHENANTHRENE | (¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥249,000 | C12*C6H12 |
| ES-5472 | CDC OH-PAH CALIBRATION STANDARDS CS1-CS10 | (UNLABELED/ ¹³ C, 99%) IN TOLUENE | 10 X 0.5ML | ¥1,106,600 | NA |
| ES-5472-CS1 | CDC OH-PAH CALIBRATION STANDARD CS1 | (UNLABELED/ ¹³ C, 99%) IN TOLUENE | 0.5 ML | ¥145,600 | NA |
| ES-5472-CS10 | CDC OH-PAH CALIBRATION STANDARD CS10 | (UNLABELED/ ¹³ C, 99%) IN TOLUENE | 0.5 ML | ¥145,600 | NA |
| ES-5472-CS2 | CDC OH-PAH CALIBRATION STANDARD CS2 | (UNLABELED/ ¹³ C, 99%) IN TOLUENE | 0.5 ML | ¥145,600 | NA |
| ES-5472-CS3 | CDC OH-PAH CALIBRATION STANDARD CS3 | (UNLABELED/ ¹³ C, 99%) IN TOLUENE | 0.5 ML | ¥145,600 | NA |
| ES-5472-CS4 | CDC OH-PAH CALIBRATION STANDARD CS4 | (UNLABELED/ ¹³ C, 99%) IN TOLUENE | 0.5 ML | ¥145,600 | NA |
| ES-5472-CS5 | CDC OH-PAH CALIBRATION STANDARD CS5 | (UNLABELED/ ¹³ C, 99%) IN TOLUENE | 0.5 ML | ¥127,600 | NA |
| ES-5472-CS6 | CDC OH-PAH CALIBRATION STANDARD CS6 | (UNLABELED/ ¹³ C, 99%) IN TOLUENE | 0.5 ML | ¥127,600 | NA |
| ES-5472-CS7 | CDC OH-PAH CALIBRATION STANDARD CS7 | (UNLABELED/ ¹³ C, 99%) IN TOLUENE | 0.5 ML | ¥145,600 | NA |
| ES-5472-CS8 | CDC OH-PAH CALIBRATION STANDARD CS8 | (UNLABELED/ ¹³ C, 99%) IN TOLUENE | 0.5 ML | ¥145,600 | NA |
| ES-5472-CS9 | CDC OH-PAH CALIBRATION STANDARD CS9 | (UNLABELED/ ¹³ C, 99%) IN TOLUENE | 0.5 ML | ¥145,600 | NA |
| ES-5473-T | CDC OH-PAH SPIKING STANDARD | (¹³ C, 99%) IN TOLUENE | 0.6 ML | ¥504,200 | NA |
| ES-5539 | EFS-A-13C PAH STANDARD MIXTURE | (¹³ C, 99%) IN NONANE | 1.2 ML | ¥310,400 | NA |
| ES-5540 | EFS-A-13C PAH STANDARD MIXTURE | (¹³ C, 99%) IN NONANE | 1.2 ML | ¥194,000 | NA |
| ES-5546 | CUSTOM 16 PAH LABELED MIXTURE | (¹³ C, D) IN NONANE | 1.2 ML | ¥222,600 | NA |

Polycyclic Aromatic Compound (PAC) Standards and Standard Mixtures

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|---------------|---|---|--------|------------|----------|
| DLM-102-1 | ANTHRACENE | (D ₁₀ , 98%) | 1 G | ¥46,000 | C14D10 |
| DLM-102-1.2 | ANTHRACENE | (D ₁₀ , 98%) 200 UG/ML IN ISOCTANE | 1.2 ML | ¥35,600 | C14D10 |
| DLM-102-5 | ANTHRACENE | (D ₁₀ , 98%) | 5 G | ¥164,000 | C14D10 |
| DLM-108-0.1 | ACENAPHTHENE | (D ₁₀ , 99%) | 0.1 G | ¥21,200 | C12D10 |
| DLM-108-1 | ACENAPHTHENE | (D ₁₀ , 99%) | 1 G | ¥49,600 | C12D10 |
| DLM-108-1.2 | ACENAPHTHENE | (D ₁₀ , 98%) 200 UG/ML IN ISOCTANE | 1.2 ML | ¥35,600 | C12D10 |
| DLM-108-5 | ACENAPHTHENE | (D ₁₀ , 99%) | 5 G | ¥154,800 | C12D10 |
| DLM-1123-0.1 | FLUORENE | (D ₁₀ , 98%) | 0.1 G | ¥38,200 | C13D10 |
| DLM-1123-1 | FLUORENE | (D ₁₀ , 98%) | 1 G | ¥93,600 | C13D10 |
| DLM-1123-1.2 | FLUORENE | (D ₁₀ , 98%) 200 UG/ML IN ISOCTANE | 1.2 ML | ¥35,600 | C13D10 |
| DLM-1322-1.2 | 2-METHYLNAPHTHALENE (CHEMICAL PURITY 97%) | (D ₁₀ , 98%) 200 UG/ML IN ISOCTANE | 1.2 ML | ¥35,600 | C10D7CD3 |
| DLM-1528-1.2 | 1-NITROPYRENE | (D ₉ , 98%) 50 UG/ML IN TOLUENE-D8 | 1.2 ML | ¥109,400 | C16D9N02 |
| DLM-155-0.1 | PYRENE | (D ₁₀ , 98%) | 0.1 G | ¥30,800 | C16D10 |
| DLM-155-0.5 | PYRENE | (D ₁₀ , 98%) | 0.5 G | ¥91,800 | C16D10 |
| DLM-155-1.2 | PYRENE | (D ₁₀ , 98%) 200 UG/ML IN ISOCTANE | 1.2 ML | ¥35,600 | C16D10 |
| DLM-1607-0.1 | 1-METHYLNAPHTHALENE | (D ₁₀ , 98%) | 0.1 G | ¥40,400 | C10D7CD3 |
| DLM-1607-1.2 | 1-METHYLNAPHTHALENE | (D ₁₀ , 98%) 200 UG/ML IN ISOCTANE | 1.2 ML | ¥35,600 | C10D7CD3 |
| DLM-1923-0.01 | BENZO[K]FLUORANTHENE | (D ₁₂ , 98%) | 0.01 G | ¥76,400 | C20D12 |
| DLM-1923-1.2 | BENZO[K]FLUORANTHENE | (D ₁₂ , 98%) 200 UG/ML IN ISOCTANE | 1.2 ML | ¥35,600 | C20D12 |
| DLM-2030-0.05 | 2-AMINONAPHTHALENE | (RING-D, 98%) | 0.05 G | ¥153,600 | C10D7NH2 |
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Polycyclic Aromatic Compound (PAC) Standards and Standard Mixtures

| Catalog No. | Compound | Description | Amount | Price (¥) | Formula |
|---------------|---|---|----------|------------|-------------|
| DLM-365-1 | NAPHTHALENE | (D ₉ , 99%) | 1 G | ¥17,400 | C10D8 |
| DLM-365-1.2 | NAPHTHALENE | (D ₉ , 99%) 200 UG/ML IN ISOCTANE | 1.2 ML | ¥35,600 | C10D8 |
| DLM-365-10 | NAPHTHALENE | (D ₉ , 99%) | 10 G | ¥97,400 | C10D8 |
| DLM-365-5 | NAPHTHALENE | (D ₉ , 99%) | 5 G | ¥61,200 | C10D8 |
| DLM-366-0.1 | PERYLENE | (D ₁₂ , 98%) | 0.1 G | ¥46,000 | C20D12 |
| DLM-366-1 | PERYLENE | (D ₁₂ , 98%) | 1 G | ¥177,200 | C20D12 |
| DLM-366-1.2 | PERYLENE | (D ₁₂ , 98%) 200 UG/ML IN TOLUENE-D ₈ | 1.2 ML | ¥35,600 | C20D12 |
| DLM-366-10 | PERYLENE | (D ₁₂ , 98%) | 10 G | ¥998,600 | C20D12 |
| DLM-371-0.1 | PHENANTHRENE | (D ₁₀ , 98%) | 0.1 G | ¥29,000 | C14D10 |
| DLM-371-1 | PHENANTHRENE | (D ₁₀ , 98%) | 1 G | ¥72,600 | C14D10 |
| DLM-371-1.2 | PHENANTHRENE | (D ₁₀ , 98%) 200 UG/ML IN ISOCTANE | 1.2 ML | ¥35,600 | C14D10 |
| DLM-371-5 | PHENANTHRENE | (D ₁₀ , 98%) | 5 G | ¥281,000 | C14D10 |
| DLM-3740-1.2 | DIBENZO[A,J]PYRENE | (D ₁₄ , 98%) 200 UG/ML IN TOLUENE-D ₈ | 1.2 ML | ¥71,000 | C24D14 |
| DLM-382-1 | P-TERPHENYL | (D ₁₄ , 98%) | 1 G | ¥64,800 | C6D4(C6D5)2 |
| DLM-382-1.2 | P-TERPHENYL | (D ₁₄ , 98%) 200 UG/ML IN ISOCTANE | 1.2 ML | ¥47,400 | C6D4(C6D5)2 |
| DLM-382-5 | P-TERPHENYL | (D ₁₄ , 98%) | 5 G | ¥260,600 | C6D4(C6D5)2 |
| DLM-3836-1.2 | 5-NITROACENAPHTHENE | (D ₉ , 99%) 50 UG/ML IN TOLUENE-D ₈ | 1.2 ML | ¥114,600 | C12D9N02 |
| DLM-3837-1.2 | 2-NITROFLUORENE | (D ₉ , 99%) 50 UG/ML IN TOLUENE-D ₈ | 1.2 ML | ¥122,800 | C13D9N02 |
| DLM-3839-1.2 | 6-NITROCHRYSENE 95% CHEMICAL PURITY | (D ₁₁ , 98%) 50 UG/ML IN TOLUENE-D ₈ | 1.2 ML | ¥122,800 | C18D11N02 |
| DLM-3841-1.2 | 7H-DIBENZO[C,G]CARBAZOLE | (D ₁₂ , 98%) 50 UG/ML IN TOLUENE | 1.2 ML | ¥136,600 | C20HD12N |
| DLM-3842-1.2 | 5-METHYLCHRYSENE (CP 95%) | (METHYL-D ₃ , 98%) 50 UG/ML IN TOLUENE-D ₈ | 1.2 ML | ¥122,800 | C19H11D3 |
| DLM-3843-1.2 | DIBENZ[A,J]ACRIDINE | (D ₁₃ , 97%) 50 UG/ML IN TOLUENE-D ₈ | 1.2 ML | ¥122,800 | C21D13N |
| DLM-3875-10 | NAPHTHALENE | (D ₉ , 99.5%) | 10 G | ¥107,000 | C10D8 |
| DLM-3875-1000 | NAPHTHALENE | (D ₉ , 99.5%) | 1000 G | お問い合わせ | C10D8 |
| DLM-4308-1.2 | BENZO[B]NAPHTHO[2,1-D]THIOPHENE | (D ₁₀ , 95%) 100 UG/ML IN BENZENE-D ₆ | 1.2 ML | ¥160,000 | C16D10S |
| DLM-450-1 | O-TERPHENYL | (D ₁₄ , 98%) | 1 G | ¥71,000 | C6D4(C6D5)2 |
| DLM-450-5 | O-TERPHENYL | (D ₁₄ , 98%) | 5 G | ¥230,400 | C6D4(C6D5)2 |
| DLM-4711-1.2 | 3-NITROFLUORANTHENE (CHEM PURITY 87%) | (D ₉ , 98%) 50 UG/ML IN TOLUENE-D ₈ | 1.2 ML | ¥109,400 | C16D9N02 |
| DLM-4712-1.2 | 9-NITROANTHRACENE | (D ₉ , 98%) 50 UG/ML IN TOLUENE | 1.2 ML | ¥119,600 | C14D9N02 |
| DLM-601-0.1 | TRIPHENYLENE | (D ₁₂ , 98%) | 0.1 G | ¥44,200 | C18D12 |
| DLM-601-1 | TRIPHENYLENE | (D ₁₂ , 98%) | 1 G | ¥137,400 | C18D12 |
| DLM-610-0.1 | BENZ[A]ANTHRACENE | (D ₁₂ , 98%) | 0.1 G | ¥63,000 | C18D12 |
| DLM-610-1.2 | BENZ[A]ANTHRACENE | (D ₁₂ , 98%) 200 UG/ML IN ISOCTANE | 1.2 ML | ¥35,600 | C18D12 |
| DLM-6569-0.1 | 1,6-ANHYDRO-BETA-D-GLUCOSE (LEVOGLUCOSAN) | (D ₇ , 98%) | 0.1 G | ¥252,400 | C6H3D705 |
| DLM-677-0.01 | DIBENZ[A,H]ANTHRACENE | (D ₁₄ , 98%) | 0.01 G | ¥80,400 | C22D14 |
| DLM-677-0.1 | DIBENZ[A,H]ANTHRACENE | (D ₁₄ , 98%) | 0.1 G | ¥310,800 | C22D14 |
| DLM-677-0.5 | DIBENZ[A,H]ANTHRACENE | (D ₁₄ , 98%) | 0.5 G | ¥1,151,000 | C22D14 |
| DLM-677-1.2 | DIBENZ[A,H]ANTHRACENE | (D ₁₄ , 98%) 200 UG/ML IN TOLUENE-D ₈ | 1.2 ML | ¥35,600 | NA |
| DLM-8020-1.2 | DIBENZ[A,C]ANTHRACENE | (D ₁₄ , 98%) 200 UG/ML IN TOLUENE-D ₈ | 1.2 ML | ¥80,400 | C22D14 |
| DLM-849-0.1 | ACRIDINE | (D ₉ , 98%) | 0.1 G | ¥95,600 | C13ND9 |
| DLM-849-0.5 | ACRIDINE | (D ₉ , 98%) | 0.5 G | ¥164,000 | C13ND9 |
| DLM-849-1 | ACRIDINE | (D ₉ , 98%) | 1 G | ¥269,000 | C13ND9 |
| ES-2043 | "EEC SIX" PAH COCKTAIL | (D, 98%) | 1 ML | ¥321,200 | NA |
| ES-2044 | PAH SURROGATE | COCKTAIL 200 UG/ML IN CD ₂ CL ₂ /CH ₃ OD (50:50) | 1 ML | ¥136,600 | NA |
| ES-2528 | PAH COCKTAIL FOR CARB METHOD 429 | (D, 98%) | 1 ML | ¥446,800 | NA |
| ES-5164 | PAH SURROGATES STANDARD MIXTURE (D, 98%) | 200 UG/ML IN 90% TOLUENE/10% ISOCTANE | 10 ML | ¥1,106,600 | NA |
| ES-5164-1.2 | PAH SURROGATES STANDARD MIXTURE (D, 98%) | 200 UG/ML IN 90% TOLUENE/10% ISOCTANE | 1.2 ML | ¥271,000 | NA |
| ES-5437 | PAH COCKTAIL FOR CARB METHOD 429 | UNLABELED STANDARD | 1.2 ML | ¥59,200 | NA |
| ES-5438 | PAH NATIVE STANDARD MIXTURE | UNLABELED 200 UG/ML IN 90% TOLUENE/10% ISOCTANE | 1.2 ML | ¥75,600 | NA |
| ES-5481 | PAH MIXTURE | (D, 98%) 2500 UG/ML IN TOLUENE | 5 ML | ¥380,200 | NA |
| ES-5481-5X5 | PAH MIXTURE | (D, 98%) 2500 UG/ML IN TOLUENE | 5 X 5 ML | ¥1,513,600 | NA |
| ES-5484 | CDC OH-PAH NATIVE PAR STANDARD | UNLABELED IN TOLUENE | 1.2 ML | ¥310,400 | NA |
| ES-5498 | PAH TWO COMPONENT MIXTURE | (D, 98%) 2000 UG/ML IN 80% ISOCTANE/20% TOLUENE | 1.2 ML | ¥154,400 | NA |
| ES-5541 | EFSA-8 NATIVE PAH STANDARD MIXTURE | UNLABELED IN ISOCTANE | 1.2 ML | ¥75,600 | NA |

Polycyclic Aromatic Compound (PAC) Standards and Standard Mixtures

| Catalog No. | Compound | Description | Amount | Price (¥) | Formula |
|-----------------|---|--|--------|-----------|----------|
| ES-5542 | EFS-A NATIVE PAH STANDARD MIXTURE | UNLABELED IN ISOCTANE | 1.2 ML | ¥50,600 | NA |
| ES-5549 | CUSTOM 16 PAH NATIVE MIXTURE | UNLABELED IN NONANE | 1.2 ML | ¥59,200 | NA |
| ES-5637 | DEUTERATED KOVATS-LEE RETENTION INDEX MIX | 100 UG/ML IN METHYLENE CHLORIDE-D ₂ | 1.2 ML | ¥262,000 | NA |
| ES-5638 | NATIVE KOVATS-LEE RETENTION INDEX MIX | 100 UG/ML IN METHYLENE CHLORIDE | 1.2 ML | ¥74,000 | NA |
| ES-9463 | PAH INJECTION STANDARD | (D, 98%) 10 NG/ML IN ISOCTANE | 10 ML | ¥88,200 | NA |
| ES-9464 | PAH RECOVERY STANDARD | (D, 98%) 10 NG/ML IN ISOCTANE:TOLUENE-D ₈ | 10 ML | ¥88,200 | NA |
| ULM-11240-1.2 | 1-METHYLNAPHTHALENE | UNLABELED 200 UG/ML IN ISOCTANE | 1.2 ML | ¥27,200 | C10H7CH3 |
| ULM-1226-0.01 | DIBENZO[A,E]PYRENE | UNLABELED | 0.01 G | ¥114,400 | C24H14 |
| ULM-1226-1.2 | DIBENZO[A,E]PYRENE | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥40,400 | C24H14 |
| ULM-1227-0.01 | DIBENZO[A,H]PYRENE | UNLABELED | 0.01 G | ¥154,800 | C24H14 |
| ULM-1227-T-1.2 | DIBENZO[A,H]PYRENE | UNLABELED 100 UG/ML IN TOLUENE | 1.2 ML | ¥40,400 | C24H14 |
| ULM-1253-1.2 | DIBENZO[A,L]PYRENE | UNLABELED 200 UG/ML IN TOLUENE | 1.2 ML | ¥35,600 | C24H14 |
| ULM-1253-25 | DIBENZO[A,L]PYRENE | UNLABELED | 25 MG | ¥80,400 | C24H14 |
| ULM-2411-1.2 | BENZO[J]FLUORANTHENE | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥27,200 | C20H12 |
| ULM-2411-25 | BENZO[J]FLUORANTHENE | UNLABELED | 25 MG | ¥124,000 | C20H12 |
| ULM-2412-0.1 | BENZO[A]PYRENE | UNLABELED | 0.1 G | ¥63,000 | C20H12 |
| ULM-2412-I-1.2 | BENZO[A]PYRENE | UNLABELED 200 UG/ML IN ISOCTANE | 1.2 ML | ¥18,800 | C20H12 |
| ULM-2412-MC-1.2 | BENZO[A]PYRENE | UNLABELED 1MG/ML IN METHYLENE CHLORIDE | 1.2 ML | ¥71,000 | C20H12 |
| ULM-2415-0.1 | BENZ[A]ANTHRACENE | UNLABELED | 0.1 G | ¥40,400 | C18H12 |
| ULM-2415-I-1.2 | BENZ[A]ANTHRACENE | UNLABELED 200 UG/ML IN ISOCTANE | 1.2 ML | ¥18,800 | C18H12 |
| ULM-2416-0.1 | BENZO[B]FLUORANTHENE | UNLABELED | 0.1 G | ¥51,800 | C20H12 |
| ULM-2416-I-1.2 | BENZO[B]FLUORANTHENE | UNLABELED 200 UG/ML IN ISOCTANE | 1.2 ML | ¥27,200 | C20H12 |
| ULM-2417-0.1 | BENZO[K]FLUORANTHENE | UNLABELED | 0.1 G | ¥72,600 | C20H12 |
| ULM-2417-I-1.2 | BENZO[K]FLUORANTHENE | UNLABELED 200 UG/ML IN ISOCTANE | 1.2 ML | ¥27,200 | C20H12 |
| ULM-2418-0.1 | BENZO[GHI]PERYLENE | UNLABELED | 0.1 G | ¥87,800 | C22H12 |
| ULM-2418-1.2 | BENZO[GHI]PERYLENE | UNLABELED 200 UG/ML IN TOLUENE | 1.2 ML | ¥18,800 | C22H12 |
| ULM-2418-25 | BENZO[GHI]PERYLENE | UNLABELED | 25 MG | ¥30,800 | C22H12 |
| ULM-2422-0.1 | DIBENZ[A,H]ANTHRACENE | UNLABELED | 0.1 G | ¥63,000 | C22H14 |
| ULM-2422-T-1.2 | DIBENZ[A,H]ANTHRACENE | UNLABELED 200 UG/ML IN TOLUENE | 1.2 ML | ¥27,200 | C22H14 |
| ULM-2423-1.2 | DIBENZO[A,I]PYRENE | UNLABELED 200 UG/ML IN TOLUENE | 1.2 ML | ¥35,600 | C22H14 |
| ULM-2423-A-1.2 | DIBENZO[A,I]PYRENE | | | | |

Polycyclic Aromatic Compound (PAC) Standards and Standard Mixtures

Pesticide and Chemical Weapon Standards

| Catalog No. | Compound | Description | Amount | Price (¥) | Formula |
|-----------------|---|--|--------|-----------|-----------|
| ULM-7423-1.2 | BENZO[E]PYRENE | UNLABELED STANDARD 200 UG/ML IN ISOCTANE | 1.2 ML | ¥27,200 | C20H12 |
| ULM-7423-MC-1.2 | BENZO[E]PYRENE | UNLABELED 1MG/ML IN METHYLENE CHLORIDE | 1.2 ML | ¥101,000 | C20H12 |
| ULM-7424-1.2 | CHRYSENE | UNLABELED 200 UG/ML IN TOLUENE | 1.2 ML | ¥27,200 | C18H12 |
| ULM-7425-1.2 | NAPHTHALENE | UNLABELED 200 UG/ML IN ISOCTANE | 1.2 ML | ¥27,200 | C10H8 |
| ULM-7426-1.2 | PERYLENE | STANDARD 200 UG/ML IN TOLUENE | 1.2 ML | ¥27,200 | C20H12 |
| ULM-7427-1.2 | PHENANTHRENE | UNLABELED STANDARD 200 UG/ML IN ISOCTANE | 1.2 ML | ¥27,200 | C14H10 |
| ULM-7428-1.2 | P-TERPHENYL | UNLABELED 200 UG/ML IN ISOCTANE | 1.2 ML | ¥27,200 | C18H14 |
| ULM-7430-1.2 | BENZO[B]NAPHTHO[2,1-D]THIOPHENE | UNLABELED 100 UG/ML IN BENZENE | 1.2 ML | ¥47,400 | C16H10S |
| ULM-7446-1.2 | 3-HYDROXYPHENANTHRENE | UNLABELED 50 UG/ML IN TOLUENE | 1.2 ML | ¥80,400 | C14H10O |
| ULM-7552-1.2 | 6-HYDROXYCHRYSENE | UNLABELED 50 UG/ML IN TOLUENE | 1.2 ML | ¥80,400 | C18H12O |
| ULM-7552-CS | 6-HYDROXYCHRYSENE | UNLABELED 50 UG/ML IN ACETONITRILE | 1.2 ML | ¥80,400 | C18H12O |
| ULM-7928-1.2 | 4-HYDROXYPHENANTHRENE | UNLABELED 50 UG/ML IN TOLUENE | 1.2 ML | ¥80,400 | C14H10O |
| ULM-7929-1.2 | 1-HYDROXYPHENANTHRENE | UNLABELED 50 UG/ML IN TOLUENE | 1.2 ML | ¥80,400 | C14H10O |
| ULM-8000-1.2 | 1,6-ANHYDRO-BETA-D-GLUCOSE (LEVOGLUCOSAN) | UNLABELED 100 UG/ML IN DMSO | 1.2 ML | ¥50,600 | C6H10O5 |
| ULM-8155-1.2 | BENZO[C]PHENANTHRENE | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥35,600 | C18H12 |
| ULM-8155-25 | BENZO[C]PHENANTHRENE | UNLABELED | 25 MG | ¥101,000 | C18H12 |
| ULM-8239-1.2 | 2-METHYL-1-NAPHTHOL | UNLABELED 50 UG/ML IN TOLUENE | 1.2 ML | ¥47,400 | C11H10O |
| ULM-8268-1.2 | 1-CHLOROPYRENE | UNLABELED 50 UG/ML IN TOLUENE | 1.2 ML | ¥177,200 | C16H9Cl |
| ULM-8269-1.2 | 9-CHLOROANTHRACENE | UNLABELED 50 UG/ML IN TOLUENE | 1.2 ML | ¥177,200 | C14H9Cl |
| ULM-8270-1.2 | 9-CHLOROPHENANTHRENE | UNLABELED 50 UG/ML IN TOLUENE | 1.2 ML | ¥177,200 | C14H9Cl |
| ULM-8365-1.2 | 9-NITROANTHRACENE (97% CHEMICAL PURITY) | UNLABELED 50 UG/ML IN TOLUENE | 1.2 ML | ¥32,000 | C14H9N02 |
| ULM-8464-T-1.2 | 2-HYDROXYPHENANTHRENE | UNLABELED 50 UG/ML IN TOLUENE | 1.2 ML | ¥80,400 | C14H10O |
| ULM-8790-1.2 | 5-NITROACENAPHTHENE | UNLABELED (CP 95%) 50 UG/ML IN TOLUENE | 1.2 ML | ¥27,200 | C12H9N02 |
| ULM-8971-1.2 | 1-HYDROXYNAPHTHALENE (1-NAPHTHOL) | UNLABELED 50 UG/ML IN TOLUENE | 1.2 ML | ¥80,400 | C10H7OH |
| ULM-8972-1.2 | 2-HYDROXYNAPHTHALENE (2-NAPHTHOL) | UNLABELED 50 UG/ML IN TOLUENE | 1.2 ML | ¥80,400 | C10H8O |
| ULM-8973-1.2 | 2-HYDROXYFLUORENE | UNLABELED 50 UG/ML IN TOLUENE | 1.2 ML | ¥80,400 | C13H10O |
| ULM-8974-1.2 | 3-HYDROXYFLUORENE | UNLABELED 50 UG/ML IN TOLUENE | 1.2 ML | ¥80,400 | C13H10O |
| ULM-8975-1.2 | 9-HYDROXYFLUORENE | UNLABELED 50 UG/ML IN TOLUENE | 1.2 ML | ¥80,400 | C13H10O |
| ULM-8976-1.2 | 1-HYDROXPYRENE | UNLABELED 50 UG/ML IN TOLUENE | 1.2 ML | ¥80,400 | C16H10O |
| ULM-9011-1.2 | 7-CHLOROBENZ[A]ANTHRACENE | UNLABELED 50 UG/ML IN TOLUENE | 1.2 ML | ¥177,200 | C18H11Cl |
| ULM-9024-1.2 | 7,12-DICHLOROBENZ[A]ANTHRACENE | UNLABELED 50 UG/ML IN TOLUENE | 1.2 ML | ¥187,000 | C18H10Cl2 |
| ULM-9025-1.2 | 7-BROMOBENZ[A]ANTHRACENE | UNLABELED 50 UG/ML IN TOLUENE | 1.2 ML | ¥177,200 | C18H11Br |
| ULM-9357-1.2 | BENZO[C]FLUORENE | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥40,400 | C17H12 |
| ULM-9376-1.2 | 2-AMINONAPHTHALENE | UNLABELED 1 MG/ML IN BENZENE | 1.2 ML | ¥27,200 | C10H9N |
| ULM-9618-1.2 | BENZO[B]FURAN | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥30,800 | C8H6O |
| ULM-9758-1.2 | BENZ[E]ACEANTHRYLENE / BENZ[J]ACEANTHRYLENE | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥35,600 | NA |
| ULM-9759-1.2 | DIBENZ[A,C]ANTHRACENE | UNLABELED 200 UG/ML IN TOLUENE | 1.2 ML | ¥35,600 | C22H14 |

| Catalog No. | Compound | Description | Amount | Price (¥) | Formula |
|-------------------|---|---|--------|-----------|-------------------|
| CLM-9050-MT-1.2 | MALATHION DIACID (CHEMICAL PURITY 97%) | (¹³ C ₄ , 99%) 100 UG/ML IN MTBE | 1.2 ML | ¥193,400 | C2*C4H11O6PS2 |
| ULM-11353-1.2 | ICARIDIN | UNLABELED (95% CP) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥82,800 | C12H23N03 |
| CDLM-10692-1.2 | CIS-DBCA | (1, CARBOXYL- ¹³ C ₂ , 99%; 1-D, 96%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥156,000 | C6*C2H9DBr202 |
| CDLM-10692-MT-1.2 | CIS-DBCA | (1, CARBOXYL- ¹³ C ₂ , 99%; 1-D, 96%) 100 UG/ML IN MTBE | 1.2 ML | ¥158,400 | C6*C2H9DBr202 |
| CDLM-11206-1.2 | 2,3,5,6-TETRAFLUORO-4-METHYLBENZYL ALCOHOL (97% CP) | (METHYL- ¹³ C, 99%; METHYL-D ₃ , 98%) 100 UG/ML IN ACN | 1.2 ML | ¥243,200 | *CC7D3HF402 |
| CDLM-11208-MT-1.2 | 2,3,5,6-TETRAFLUORO-4-METHYLBENZOIC ACID (97% CP) | (METHYL- ¹³ C, 99%; METHYL-D ₃ , 98%) 100 UG/ML IN MTBE | 1.2 ML | ¥243,200 | *CC7D3HF402 |
| CDLM-11210-1.2 | 2,3,5,6-TETRAFLUORO-1,4-BENZENEDIMETHANOL (95% CP) | (BISBENZYL- ¹³ C ₂ , 95%) 100 UG/ML IN ACN | 1.2 ML | ¥243,200 | *C2C6D4HF402 |
| CDLM-11212-1.2 | 4-METHOXYMETHYL-2,3,5,6-TETRAFLUOROBENZYL ALCOHOL | (METHYL- ¹³ C, 99%; METHYL-D ₃ , 98%) 100 UG/ML IN ACN | 1.2 ML | ¥243,200 | *CC8D3HF402 |
| CDLM-11258-1.2 | CHRYSANTHEMUM DICARBOXYLIC ACID (96% CP) | (PROPENYL- ¹³ C, 99%; 3,3-D ₃ , 98%) 100 UG/ML CH3CN | 1.2 ML | ¥313,200 | C9*CH11D304 |
| CDLM-11258-MT-1.2 | CHRYSANTHEMUM DICARBOXYLIC ACID (96% CP) | (PROPENYL- ¹³ C, 99%; 3,3-D ₃ , 98%) 100 UG/ML MTBE | 1.2 ML | ¥313,200 | C9*CH11D304 |
| CDLM-624-1.2 | GAMMA-HCH (GAMMA-BHC) (LINDANE) | (¹³ C ₆ , 99%; D ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥218,000 | *C6D6C16 |
| CDLM-7943-0.01 | SODIUM MONOFLUOROACETATE | (¹³ C ₂ , 99%; 2,2-D ₂ , 98%) 90% CHEMICAL PURITY | 0.01 G | ¥722,800 | F*CD2*COONa |
| CDLM-7943-1.2 | SODIUM MONOFLUOROACETATE 90% CP | (¹³ C ₂ , 99%; 2,2-D ₂ , 98%) 1 MG/ML IN WATER | 1.2 ML | ¥180,000 | F*CD2*COONa |
| CDLM-9205-1.2 | CIS-DCCA 100 UG/ML IN ACETONITRILE-D ₃ | (1, CARBOXYL- ¹³ C ₂ , 99%; 1-D, 97%) | 1.2 ML | ¥153,000 | C6*C2H9DCl202 |
| CDLM-9205-MT-1.2 | CIS-DCCA | (1, CARBOXYL- ¹³ C ₂ , 99%; 1-D, 97%) 100 UG/ML IN MTBE | 1.2 ML | ¥155,200 | C6*C2H9DCl202 |
| CDLM-9206-1.2 | TRANS-DCCA 100 UG/ML IN ACETONITRILE-D ₃ | (1, CARBOXYL- ¹³ C ₂ , 99%; 1-D, 97%) 95% CHEMICAL PURITY | 1.2 ML | ¥153,000 | C6*C2H9DCl202 |
| CDLM-9206-MT-1.2 | TRANS-DCCA (95% CHEMICAL PURITY) | (1, CARBOXYL- ¹³ C ₂ , 99%; 1-D, 97%) 100 UG/ML IN MTBE | 1.2 ML | ¥155,200 | C6*C2H9DCl202 |
| CDLM-9820-1.2 | ALDICARB | (¹³ C ₂ , 98%; D ₃ , 98%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥180,000 | C5*C2H11D3N202S |
| CDNLM-10884-1.2 | SULFOXAFLOR | (2-METHYL- ¹³ C, 99%; D ₃ , 98%) CYANAMIDE- ¹⁵ N ₂ , 98%; ¹³ C, 98%) 100 UG/ML IN METHANOL | 1.2 ML | ¥185,200 | C8*C2H7D3F3N*N20S |
| CLM-10427-1.2 | CARBOSULFAN | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN 1,4-DIOXANE | 1.2 ML | ¥138,400 | C14*C6H32N203S |
| CLM-10608-PK | 1,2-BENZISOTHIAZOL-3(2H)-ONE (CP 95%) | (RING- ¹³ C ₆ , 95%) | G | お問い合わせ | C*G6H5NOS |
| CLM-10767-1.2 | IMIDACLOPRID | (PYRIDYLMEHTYL- ¹³ C ₆ , 99%) 100 UG/ML IN METHANOL | 1.2 ML | ¥173,400 | C3*C6H10ClN502 |
| CLM-10868-1.2 | THIACLOPRID-AMIDE | (PYRIDYLMEHTYL- ¹³ C ₆ , 99%) 100 UG/ML IN METHANOL | 1.2 ML | ¥193,400 | C4*C6H11ClN40S |
| CLM-11027-1.2 | DICOFOL | (RING- ¹³ C ₁₂ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥190,000 | C2*C12H9Cl50 |
| CLM-11204-1.2 | 2,3,5,6-TETRAFLUOROBENZYL ALCOHOL (95% CP) | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥243,200 | *C6CH4F40 |
| CLM-11214-1.2 | 2-METHYL-3-PHENYLBENZOIC ACID | (PHENYL- ¹³ C ₆ , 98%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥208,400 | *C6C8H12O2 |
| CLM-1281-1.2 | 4,4'-DDT | (RING- ¹³ C ₁₂ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥128,000 | (CI*C6H4)2CHCl3 |
| CLM-1281-5 | 4,4'-DDT | (RING- ¹³ C ₁₂ , 99%) | 5 MG | ¥224,000 | (CI*C6H4)2CHCl3 |
| CLM-1282-1.2 | GAMMA-HCH (GAMMA-BHC) (LINDANE) | (¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥182,000 | *C6H6C16 |
| CLM-1627-1.2 | 4,4'-DDE | (RING- ¹³ C ₁₂ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥128,000 | (CI*C6H4)2-CCl2 |
| CLM-1627-5 | 4,4'-DDE | (RING- ¹³ C ₁₂ , 99%) | 5 MG | ¥224,000 | (CI*C6H4)2-CCl2 |
| CLM-1858-1.2 | 2,4-DICHLOROPHOENOXYACETIC ACID | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN ACETONITRILE | | | |

Pesticide and Chemical Weapon Standards

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|------------------|---|---|--------|------------|-----------------------------|
| CLM-3761-1.2 | TRIALLATE | (DIISOPROPYL- ¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥180,000 | C4*C6H16Cl3NOS |
| CLM-3894-1.2 | ATRAZINE MERCAPTURE | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥177,000 | *C3C10H22N6O3S |
| CLM-4538-1.2 | 2-ISOPROPYL-6-METHYL-4-PYRIMIDINOL | (METHYL-4,5,6- ¹³ C ₆ , 99%)(97% CP)100 UG/ML IN ACETONITRILE | 1.2 ML | ¥177,000 | C4*C4H12N2O |
| CLM-4542-1.2 | 3-PHENOXYBENZOIC ACID | (PHENOXY- ¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥133,000 | *C6H5OC6H4COOH |
| CLM-4542-SA-1.2 | 3-PHENOXYBENZOIC ACID | (PHENOXY- ¹³ C ₆ , 99%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥133,000 | *C6H5OC6H4COOH |
| CLM-4543-1.2 | TERBUFOS (97% CP) | (DIETHOXO- ¹³ C ₆ , 99%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥150,000 | (*C2H5O)2P(S)CH2SC(CH3)3 |
| CLM-4543-PK | TERBUFOS | (DIETHOXO- ¹³ C ₆ , 99%) 97% CHEMICAL PURITY | G | お問い合わせ | (*C2H5O)2P(S)CH2SC(CH3)3 |
| CLM-4544-1.2 | PHORATE (97% CHEMICAL PURITY) | (DIETHOXO- ¹³ C ₆ , 99%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥135,200 | (*C2H5O)2P(S)CH2SC2H5 |
| CLM-4545-1.2 | FONOFOSS | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥135,200 | CH2CH3P(S)(OCH2CH3)2S*CH5 |
| CLM-4546-1.2 | ACETOCHLOR | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥206,800 | CH3CH3CH2CH3N(OCH2)2CH20H03 |
| CLM-4551-1.2 | 2,4,5-TRICHLOROPHOENOXYACETIC ACID | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN METHYLENE CHLORIDE | 1.2 ML | ¥143,400 | *C6H2Cl3OCH2COOH |
| CLM-4682-1.2 | CARBARYL | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥135,200 | *C6C6H11NO2 |
| CLM-4683-1.2 | METHOXYCHLOR | (RING- ¹³ C ₁₂ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥135,200 | (CH3O)*C6H4)2CHCl3 |
| CLM-4692-1.2 | 2,4'-DDT | (RING- ¹³ C ₁₂ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥148,200 | C1*C6H4CH(CCl3)C6H4Cl |
| CLM-4693-1.2 | 2,4'-DDE | (RING- ¹³ C ₁₂ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥148,200 | *C12C2H8Cl4 |
| CLM-4695-1.2 | 1,2-DIBROMO-3-CHLOROPROPANE | (¹³ C ₃ , 99%) 100 UG/ML IN METHANOL | 1.2 ML | ¥143,400 | *C3H5Br2Cl |
| CLM-4695-10X-1.2 | 1,2-DIBROMO-3-CHLOROPROPANE | (¹³ C ₃ , 99%) 1 MG/ML IN PURGE & TRAP GRADE METHANOL | 1.2 ML | ¥251,800 | *CH2Br*CHBr*CH2Cl |
| CLM-4725-1.2 | ALDRIN | (¹³ C ₁₂ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥359,800 | *C12H8Cl6 |
| CLM-4726-1.2 | DIELDRIN | (¹³ C ₁₂ , 98-99%) 100 UG/ML IN NONANE | 1.2 ML | ¥359,800 | *C12H8Cl6O |
| CLM-4727-1.2 | ISODRIN (CHEMICAL PURITY 95%) | (¹³ C ₁₂ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥359,800 | *C12H8Cl6 |
| CLM-4729-1.2 | OXYCHLORDANE | (¹³ C ₁₀ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥359,800 | *C10H4Cl8O |
| CLM-4734-1.2 | CIS-HEPTACHLOR EPOXIDE | (¹³ C ₁₀ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥359,800 | *C10H5Cl7O |
| CLM-4735-1.2 | TRANS-NONACHLOR | (¹³ C ₁₀ , 98%) 100 UG/ML IN NONANE | 1.2 ML | ¥359,800 | *C10H5Cl9 |
| CLM-4758-1.2 | CHLORDENE | (¹³ C ₁₀ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥359,800 | *C10H6Cl6 |
| CLM-4759-1.2 | HEPTACHLOR | (¹³ C ₁₀ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥359,800 | *C10H5Cl7 |
| CLM-4782-1.2 | ENDRIN | (¹³ C ₁₂ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥359,800 | *C12H8Cl6O |
| CLM-4792-1.2 | TRANS-CHLORDANE (GAMMA) | (¹³ C ₁₀ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥359,800 | *C10H6Cl8 |
| CLM-4811-1.2 | CIS-NONACHLOR | (¹³ C ₁₀ , 98%) 100 UG/ML IN NONANE | 1.2 ML | ¥359,800 | *C10H5Cl9 |
| CLM-4813-1.2 | MIREX | (¹³ C ₁₀ , 98%) 100 UG/ML IN NONANE | 1.2 ML | ¥359,800 | *C10Cl12 |
| CLM-4814-1.2 | KEPONE (CHLORDECOME) | (¹³ C ₁₀ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥359,800 | *C10Cl100 |
| CLM-4815-1.2 | ENDRIN ALDEHYDE | (¹³ C ₁₂ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥359,800 | *C12H8Cl6O |
| CLM-4815-50 | ENDRIN ALDEHYDE | (¹³ C ₁₂ , 99%) >90% CHEMICAL PURITY | 50 UG | ¥180,000 | *C12H8Cl6O |
| CLM-4816-1.2 | ENDRIN KETONE | (¹³ C ₁₂ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥359,800 | *C12H8Cl6O |
| CLM-4816-50 | ENDRIN KETONE | (¹³ C ₁₂ , 99%) > 95% CHEMICAL PURITY | 50 UG | ¥180,000 | *C12H8Cl6O |
| CLM-513-1 | 2,4,5-TRICHLOROPHENOL | (¹³ C ₆ , 99%) 100 UG/ML IN METHANOL | 1 ML | ¥155,200 | *C6H2Cl3O |
| CLM-513-SI-1.2 | 2,4,5-TRICHLOROPHENOL | (¹³ C ₆ , 99%) 100 UG/ML IN ISOCTANE | 1.2 ML | ¥155,200 | *C6H2Cl3O |
| CLM-6025-1.2 | ENDOSULFAN I (CHEMICAL PURITY >95%) | (¹³ C ₉ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥353,200 | *C9H6Cl6O3S |
| CLM-6026-1.2 | ENDOSULFAN II (CHEMICAL PURITY >95%) | (¹³ C ₉ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥359,800 | *C9H6Cl6O3S |
| CLM-661-0.01 | PENTACHLOROPHENOL | (¹³ C ₆ , 99%) | 0.01 G | ¥110,200 | *C6Cl5O |
| CLM-661-1.2 | PENTACHLOROPHENOL | (¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥56,800 | *C6Cl5O |
| CLM-6758-1.2 | 4-CHLORO-2-METHYLPHENOXYACETIC ACID (MCPA) | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥138,400 | *C6C3H9ClO3 |
| CLM-6758-PK | 4-CHLORO-2-METHYLPHENOXYACETIC ACID (MCPA) | (RING- ¹³ C ₆ , 99%) | G | お問い合わせ | *CC3H9ClO3 |
| CLM-6759-0 | [4-CHLORO-2-(HYDROXYMETHYL)PHENOXY]ACETIC ACID (HMPA) | (RING- ¹³ C ₆ , 99%) (HMPA) | G | お問い合わせ | *C6C3H9ClO4 |
| CLM-6999-1.2 | 2,4'-DDD | (RING- ¹³ C ₁₂ , 99%) 50 UG/ML IN NONANE | 1.2 ML | ¥155,200 | C2*C12H10Cl4 |
| CLM-7100-1.2 | 4,4'-DDD | (RING- ¹³ C ₁₂ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥163,200 | *C12C2H10Cl4 |
| CLM-7292-1.2 | CYPERMETHRIN, (MIX OF STEREOISOMERS) | (PHENOXY- ¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥155,200 | *C6C16H19Cl2N03 |
| CLM-7293-1.2 | CYFLUTHRIN, (MIX OF STEREOISOMERS) | (PHENOXY- ¹³ C ₆ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥155,200 | *C6C16H18Cl2F03 |
| CLM-7322-1.2 | CIS-PERMETHRIN | (PHENOXY- ¹³ C ₆ , 99%) (CP 95%) 50 UG/ML IN NONANE | 1.2 ML | ¥85,200 | *C6C15H20Cl2O3 |
| CLM-7323-1.2 | TRANS-PERMETHRIN | (PHENOXY- ¹³ C ₆ , 99%) 50 UG/ML IN NONANE | 1.2 ML | ¥85,200 | *C6C15H20Cl2O3 |
| CLM-7389-1.2 | 4-FLUORO-3-PHENOXYBENZOIC ACID | (¹³ C ₆ , 99%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥155,200 | C7*C6H9F03 |
| CLM-7528-1.2 | DESETHYL DESISOPROPYL ATRAZINE | (¹³ C ₉ , 99%) 100 UG/ML IN CH3CN 95% CHEM. PURITY | 1.2 ML | ¥171,800 | *C3H4ClN5 |
| CLM-7531-1.2 | ENDOSULFAN SULFATE | (¹³ C ₉ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥251,800 | *C9H6Cl6O4S |
| CLM-7930-1.2 | PARLAR 26 | (¹³ C ₁₀ , 99%) 10 UG/ML IN NONANE | 1.2 ML | ¥486,400 | *C10H10Cl8 |
| CLM-7931-1.2 | PARLAR 50 | (¹³ C ₁₀ , 99%) 10 UG/ML IN NONANE | 1.2 ML | ¥486,400 | *C10H9Cl9 |

Pesticide and Chemical Weapon Standards

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|--------------|--|--|--------|------------|---|
| CLM-7932-1.2 | PARLAR 62 | (¹³ C ₁₀ , 99%) 10 UG/ML IN NONANE | 1.2 ML | ¥486,400 | *C10H9Cl9 |
| CLM-8003-1.2 | PENTACHLOROANISOLE | (¹³ C ₆ , 99%) 100 UG/ML IN TOLUENE | 1.2 ML | ¥108,400 | C6C6H3Cl5O |
| CLM-8087-1.2 | CIS-CHLORDANE | (¹³ C ₁₀ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥359,800 | *C10H6Cl8 |
| CLM-816-1.2 | 2,6-DICHLORO-4-NITROANILINE | (RING- ¹³ C ₆ , 99%) (DICLORAN) | 1.2 ML | お問い合わせ | C2*C6H2(NO2)NH2 |
| CLM-8310-1.2 | HYDROXYATRAZINE | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN 80%H2O/20%DIETHYLAMINE | 1.2 ML | ¥163,200 | (CH3CH2NH) _n CN3(0H)NHCH2CH3 |
| CLM-8312-1.2 | DEISISOPROPYLATRAZINE | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥163,200 | C2*C3H8ClN5 |
| CLM-8313-1.2 | DESETHYLATRAZINE 97% CHEMICAL PURITY | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥163,200 | *C3C3H10ClN5 |
| CLM-8314-1.2 | DEISISOPROPYLHYDROXYATRAZINE 97% CHEMICAL PURITY | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN 80%H2O/20%DIETHYLAMINE | 1.2 ML | ¥163,200 | C2*C3H9N50 |
| CLM-8315-1.2 | DESETHYLHYDROXYATRAZINE | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN 80%H2O/20%DIETHYLAMINE | 1.2 ML | ¥163,200 | *C3C3H11N50 |
| CLM-8316-1.2 | DESETHYLDESISOPROPYLHYDROXYATRAZINE(AMMELINE)94%CP | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN 80%H2O/20%DIETHYLAMINE | 1.2 ML | ¥163,200 | *C3H5N50 |
| CLM-8370-1.2 | THIABENDAZOLE | (RING- ¹³ C ₆ , 99%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥143,400 | C |

Pesticide and Chemical Weapon Standards

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|------------------|--|---|------------|------------|--------------------------------------|
| DLM-10042-1.2 | CYPERMETHRIN, MIX OF STEREOISOMERS | (D ₆ , 98%) 100 UG/ML IN NONANE | 1.2 ML | ¥91,800 | C22H13D6Cl2N03 |
| DLM-10043-1.2 | CYFLUTHRIN, MIX OF STEREOISOMERS (CHEM.PURITY 95%) | (D ₆ , 98%) 100 UG/ML IN NONANE | 1.2 ML | ¥100,000 | C22H12D6Cl2Fn03 |
| DLM-10609-PK | 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE | (N-METHYL-D ₆ , 98%) | G | お問い合わせ | C4H3ClNOS |
| DLM-11078-1.2 | DL-GLUFOSINATE:HCL (CHEMICAL PURITY 95%) | (2,3,3,4,4-D ₆ , METHYL-D ₆ , 98%) 100 UG/ML IN WATER | 1.2 ML | ¥131,800 | CD3OH O C2CO2CDNH2COOH.HCl |
| DLM-1146-5 | 2,4-DICHLOROPHOXYACETIC ACID | (RING-D ₆ , 98%) | 5 MG | ¥282,200 | C1C6D3(Cl)OCH2COOH |
| DLM-1148-1.2 | DAZINON | (DIETHYL-D ₁₀ , 98%) 100 UG/ML IN NONANE | 1.2 ML | ¥126,800 | C12H11D10N203PS |
| DLM-1148-5 | DAZINON | (DIETHYL-D ₁₀ , 98%) | 5 MG | ¥174,200 | C12H11D10N203PS |
| DLM-1148-A-1.2 | DAZINON | (DIETHYL-D ₁₀ , 98%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥126,800 | C12H11D10N203PS |
| DLM-1149-1.2 | ATRAZINE | (ETHYLAMINE-D ₆ , 98%) 100 UG ML IN NONANE | 1.2 ML | ¥95,000 | C8H9D5ClN5 |
| DLM-1149-5 | ATRAZINE | (ETHYLAMINE-D ₆ , 98%) | 5 MG | ¥50,200 | C8H9D5ClN5 |
| DLM-1149-E-1.2 | ATRAZINE | (ETHYLAMINE-D ₆ , 98%) 500 UG/ML IN ETHANOL | 1.2 ML | ¥123,400 | C8H9D5ClN5 |
| DLM-1843-1 | TRANS-DECALIN | (D ₁₀ , 98%) | 1 G | ¥47,600 | C10D18 |
| DLM-1843-5 | TRANS-DECALIN | (D ₁₀ , 98%) | 5 G | ¥160,000 | C10D18 |
| DLM-2143-0.1 | 2,4,5-TRICHLOROPHENOL | (RING-D ₂ , 97-98%) | 0.1 G | ¥112,200 | C6D2Cl3O |
| DLM-2829-0.01 | DICHLORVOS | (DIMETHYL-D ₆ , 98%) | 0.01 G | ¥152,000 | (D3CO)2POOCH=CCl2 |
| DLM-2829-1.2 | DICHLORVOS | (DIMETHYL-D ₆ , 98%) 100 UG/ML IN NONANE | 1.2 ML | ¥115,000 | (D3CO)2POOCH=CCl2 |
| DLM-2862-0.01 | ENDOSULFAN I | (D ₄ , 97%) | 0.01 G | ¥152,000 | C9H2D4Cl6O3S |
| DLM-2862-1.2 | ENDOSULFAN I (95% CHEMICALLY PURE) | (D ₄ , 97%) 100 UG/ML IN NONANE | 1.2 ML | ¥93,400 | C9H2D4Cl6O3S |
| DLM-2863-5 | ENDOSULFAN II | (D ₄ , 97%) | 5 MG | ¥196,000 | C9H2D4Cl6O3S |
| DLM-2878-0.01 | FENITROTHION | (O,O-DIMETHYL-D ₆ , 98%) | 0.01 G | ¥186,200 | O2N(CH ₃)C6H3O3PS OCD3 2 |
| DLM-2970-0.01 | PARATHION | (DIETHYL-D ₁₀ , 98%) | 0.01 G | ¥92,200 | N02(C6H4)OP=S OC2D5 2 |
| DLM-2970-1.2 | PARATHION | (DIETHYL-D ₁₀ , 98%) 100 UG/ML IN NONANE | 1.2 ML | ¥66,600 | N02(C6H4)OP=S OC2D5 2 |
| DLM-3173-0.1 | 4,6-DINITRO-2-METHYLPHENOL | (RING-D ₂ , 98%) | 0.1 G | ¥114,000 | (N02)2C6D2(CH3)OH |
| DLM-3533-1.2 | 4,4'-DDD | (RING-D ₆ , 98%) 100 UG/ML IN N-NONANE | 1.2 ML | ¥126,800 | C14H2D8Cl4 |
| DLM-3760-0.01 | CHLORTOLURON | (N,N-DIMETHYL-D ₆ , 98%) | 0.01 G | ¥237,800 | C10H7D6N2OCl |
| DLM-3760-1.2 | CHLORTOLURON | (N,N-DIMETHYL-D ₆ , 98%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥143,400 | C10H7D6N2OCl |
| DLM-4360-1.2 | CHLORPYRIFOS (97% CHEMICAL PURITY) | (DIETHYL-D ₁₀ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥126,800 | C9HD10Cl3NO3PS |
| DLM-4476-1.2 | MALATHION | (D ₁₀ , 99%) 100 UG/ML IN NONANE | 1.2 ML | ¥126,800 | C3 P=S C C0002C3 C C0002C3 |
| DLM-4479-1.2 | TRIFLURALIN | (DI-N-PROPYL-D ₁₄ , 98%) 100 UG/ML IN NONANE | 1.2 ML | ¥118,600 | C13H2D14F3N3O4 |
| DLM-4667-1.2 | PHOSMET | (DIMETHYL-D ₆ , 98%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥135,200 | C6H4(CO)2NC2SpSi OCD3 2 |
| DLM-4762-1.2 | N,N-DIETHYL-M-TOLUAMIDE (DEET) | (DIMETHYL-D ₆ , 98%) 100 UG/ML IN CD2Cl2 | 1.2 ML | ¥131,600 | CH3C6H4CON(CH2CD3) 2 |
| DLM-4762-D-1.2 | N,N-DIETHYL-M-TOLUAMIDE (DEET) | (DIMETHYL-D ₆ , 98%) 100 UG/ML IN DIOXANE | 1.2 ML | ¥131,600 | CH3C6H4CON(CH2CD3) 2 |
| DLM-6000-1.2 | ACEPHATE (METHOXY-D ₃ , THIOMETHOXY-D ₃ , 98%) | 100 UG/ML IN ACETONITRILE-D ₃ | 1.2 ML | ¥135,200 | C4H4D6N03PS |
| DLM-7116-1.2 | DIURON | (DIMETHYL-D ₆ , 98%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥144,600 | C9D6H4Cl2N2O |
| DLM-7141-1.2 | PROPOXUR | (ISOPROPYL-D ₆ , 98%) 100 UG/ML IN NONANE | 1.2 ML | ¥135,200 | C11D7H8N03 |
| DLM-7149-1.2 | METHAMIDOPHOS | (DIMETHYL-D ₆ , 98%) 100 UG/ML IN DIOXANE | 1.2 ML | ¥173,400 | C2H2D6N02PS |
| DLM-7150-1.2 | OXYDEMETHON-METHYL (95% CHEMICAL PURITY) | (DI-O-METHYL-D ₆ , 98%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥180,200 | C6H9D6O4PS2 |
| DLM-7151-1.2 | DIMETHOATE | (O,O-DIMETHYL-D ₆ , 98%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥135,200 | C5H6D6N03PS2 |
| DLM-7152-1.2 | BENSULIDE | (ISOPROPOXY-D ₁₄ , 98%) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥143,400 | C14H10D14N04PS3 |
| DLM-7153-1.2 | CHLORPYRIFOS-METHYL | (DIMETHYL-D ₆ , 98%) 100 UG/ML IN NONANE | 1.2 ML | ¥135,200 | C7HCl3D6N03PS |
| DLM-7183-0 | DISULFOTON | (DI-O-ETHYL-D ₁₀ , 98%) | G | お問い合わせ | C8D10H9O2PS3 |
| DLM-8512-1.2 | IMIDACLOPRID | (4,4,5-D ₄ , 98%) 100 UG/ML IN METHANOL | 1.2 ML | ¥135,200 | C9H6D4ClN5O2 |
| DLM-9401-N-1.2 | AZINPHOS-METHYL | (D ₆ , 98%) 100 UG/ML IN NONANE | 1.2 ML | ¥123,400 | C10D6H6N3O3PS2 |
| DLM-9680-PK | FORCHLORFENURON | (PHENYL-D ₅ , 99%) | G | お問い合わせ | C12D5H5ClN3O |
| ES-5019-A | PERSISTENT PESTICIDE CALIBRATION SOLUTION CS1-CS10 | (UNLABELED/ ¹³ C, 99%) | 10X0.25 ML | ¥776,000 | NA |
| ES-5019-A-CS1 | PERSISTENT PESTICIDE CALIBRATION SOLUTION CS1 | (UNLABELED/ ¹³ C, 99%) | 0.25 ML | ¥143,400 | NA |
| ES-5019-A-CS10 | PERSISTENT PESTICIDE CALIBRATION SOLUTION CS10 | (UNLABELED/ ¹³ C, 99%) | 0.25 ML | ¥143,400 | NA |
| ES-5019-A-CS1-8S | PERSISTENT PESTICIDE CALIBRATION SOLUTION CS1-CS8 | (UNLABELED/ ¹³ C, 99%) | 8X0.25ML | ¥649,400 | NA |
| ES-5019-A-CS2 | PERSISTENT PESTICIDE CALIBRATION SOLUTION CS2 | (UNLABELED/ ¹³ C, 99%) | 0.25 ML | ¥143,400 | NA |
| ES-5019-A-CS3 | PERSISTENT PESTICIDE CALIBRATION SOLUTION CS3 | (UNLABELED/ ¹³ C, 99%) | 0.25 ML | ¥143,400 | NA |
| ES-5019-A-CS4 | PERSISTENT PESTICIDE CALIBRATION SOLUTION CS4 | (UNLABELED/ ¹³ C, 99%) | 0.25 ML | ¥143,400 | NA |
| ES-5019-A-CS5 | PERSISTENT PESTICIDE CALIBRATION SOLUTION CS5 | (UNLABELED/ ¹³ C, 99%) | 0.25 ML | ¥143,400 | NA |
| ES-5019-A-CS6 | PERSISTENT PESTICIDE CALIBRATION SOLUTION CS6 | (UNLABELED/ ¹³ C, 99%) | 0.25 ML | ¥143,400 | NA |

Pesticide and Chemical Weapon Standards

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|--------------------|---|---|------------|------------|-----------|
| ES-5019-A-CS7 | PERSISTENT PESTICIDE CALIBRATION SOLUTION CS7 | (UNLABELED/ ¹³ C, 99%) | 0.25 ML | ¥143,400 | NA |
| ES-5019-A-CS8 | PERSISTENT PESTICIDE CALIBRATION SOLUTION CS8 | (UNLABELED/ ¹³ C, 99%) | 0.25 ML | ¥143,400 | NA |
| ES-5019-A-CS9 | PERSISTENT PESTICIDE CALIBRATION SOLUTION CS9 | (UNLABELED/ ¹³ C, 99%) | 0.25 ML | ¥143,400 | NA |
| ES-5019-A-CS9-CS10 | PERSISTENT PESTICIDE CALIBRATION SOLUTION CS9-CS10 | (UNLABELED/ ¹³ C, 99%) | 2 X 0.25ML | お問い合わせ | NA |
| ES-5177-500X-N-0.5 | PERSISTENT PESTICIDE SPIKING SOLUTION | (¹³ C, 99%) IN NONANE | 0.5 ML | ¥913,000 | NA |
| ES-5177-5X10 | PERSISTENT PESTICIDE SPIKING SOLUTION | (¹³ C, 99%) IN METHANOL | 5 X 10 ML | ¥366,000 | NA |
| ES-5261-1.2 | PERSISTENT ORGANIC POLLUTANTS CLEAN-UP SPIKE | (¹³ C, 99%) 1 UG/ML IN NONANE | 1.2 ML | ¥866,000 | NA |
| ES-5342 | POPS PESTICIDES, NON-TOXAPHENE, NON-HCH HRMS CLEAN-UP SPIKE | (¹³ C, 99%) 20 NG/ML IN NONANE | 1.2 ML | ¥87,200 | NA |
| ES-5344 | POPS HRMS HCH CLEAN-UP SPIKE | (¹³ C ₆ , 99%) 50X STOCK 1 UG/ML IN NONANE | 0.5 ML | ¥115,600 | NA |
| ES-5344-50X-0.5 | POPS HRMS HCH CLEAN-UP SPIKE | (¹³ C ₆ , 99%) (50X STOCK) 1 UG/ML IN NONANE | 0.5 ML | ¥460,000 | NA |
| ES-5348 | POPS PESTICIDES CALIBRATION SOLUTIONS CS1-CS6 | (UNLABELED/ ¹³ C, 99%) IN NONANE | 6 X 0.2 ML | ¥904,000 | NA |
| ES-5348-CS1 | POPS PESTICIDES CALIBRATION SOLUTION CS1 | (UNLABELED/ ¹³ C, 99%) IN NONANE | 0.2 ML | ¥174,200 | NA |
| ES-5348-CS2 | POPS PESTICIDES CALIBRATION SOLUTION CS2 | (UNLABELED/ ¹³ C, 99%) IN NONANE | 0.2 ML | ¥174,200 | NA |
| ES-5348-CS3 | POPS PESTICIDES CALIBRATION SOLUTION CS3 | (UNLABEDED/ ¹³ C, 99%) IN NONANE | 0.2 ML | ¥174,200 | NA |
| ES-5348-CS4 | POPS PESTICIDES CALIBRATION SOLUTION CS4 | (UNLABEDED/ ¹³ C, 99%) IN NONANE | 0.2 ML | ¥174,200 | NA |
| ES-5348-CS5 | POPS PESTICIDES CALIBRATION SOLUTION CS5 | (UNLABEDED/ ¹³ C, 99%) IN NONANE | 0.2 ML | ¥174,200 | NA |
| ES-5348-CS6 | POPS PESTICIDES CALIBRATION SOLUTION CS6 | (UNLABEDED/ ¹³ C, 99%) IN NONANE | 0.2 ML | ¥174,200 | NA |
| ES-5349 | POPS PESTICIDES HRMS CLEAN-UP SPIKE | (¹³ C, 99%) 100 NG/ML IN NONANE | 1.2 ML | ¥289,800 | NA |
| ES-5349-L | POPS PESTICIDES LRMS CLEAN-UP SPIKE | (¹³ C, 99%) 1 UG/ML IN NONANE | 0.5 ML | ¥751,400 | NA |
| ES-5352-L | POPS TOXAPHENE SURROGATE SOLN W/ PCB SYRINGE | (¹³ C ₁₀ , 99%) 1 UG/ML IN NONANE | 1.2 ML | ¥174,200 | *C10H6Cl8 |
| ES-5353 | PREDOMINANT BIOACCUMULATIVE TOXAPHENE | CONGENERS PARLAR 26, 50 & 62 2 UG/ML IN NONANE | 1.2 ML | ¥144,200 | NA |
| ES-5386 | PAH-SIM RECOVERY STANDARD MIXTURE | (D, 98%) 1 MG/ML IN METHYLENE CHLORIDE-D2 | 1.2 ML | ¥344,800 | NA |

Pesticide and Chemical Weapon Standards

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|------------------|---|---|--------|------------|---------------|
| ES-5465-A-5X | EXPANDED POPS PESTICIDES CLEANUP SPIKE W/ENDOSULFAN SULFATE | (¹³ C,99%) 500 NG/ML IN NONANE | 1.2 ML | ¥943,200 | NA |
| ES-5466 | EXPANDED POPS PESTICIDES SAMPLING SPIKE | (¹³ C,99%) 1000 NG/ML IN NONANE | 1.2 ML | ¥87,200 | NA |
| ES-5467 | EXPANDED POPS PESTICIDES PAR SOLUTION | UNLabeled 1000 NG/ML IN NONANE/ISOCTANE | 1.2 ML | ¥174,200 | NA |
| ES-5467-A | EXPANDED POPS PESTICIDES PAR SOLUTION W/ENDOSULFAN SULFATE | UNLabeled 1000 NG/ML IN NONANE/ISOCTANE | 1.2 ML | ¥174,200 | NA |
| ES-5475 | UNLABELED PESTICIDE STOCK SOLUTION 1 | UNLabeled | 1.2 ML | ¥251,800 | NA |
| ES-5476 | UNLABELED PESTICIDE STOCK SOLUTION 2 | UNLabeled | 1.2 ML | ¥216,600 | NA |
| ES-5478 | 13C PESTICIDE STOCK SOLUTION 1 | (¹³ C, 99%) | 0.5 ML | ¥1,423,600 | NA |
| ES-5479 | 13C PESTICIDE STOCK SOLUTION 2 | (¹³ C, 99%) | 0.5 ML | ¥676,000 | NA |
| ES-5516 | EPA METHOD 1699 LABELED PESTICIDE STOCK SOLUTION | IN NONANE | 0.5 ML | ¥1,134,800 | NA |
| ES-5543 | US EPA METHOD 8276 TOXAPHENE COMPOSITE STOCK STANDARD | UNLabeled IN NONANE | 1.2 ML | ¥133,000 | NA |
| ES-5544 | US EPA METHOD 8276 TOXAPHENE SURROGATE STANDARD | (¹³ C ₁₀ , 99%) IN NONANE | 1.2 ML | ¥220,400 | NA |
| ES-5545 | US EPA METHOD 8276 TOXAPHENE INJECTION INTERNAL STANDARD | (¹³ C ₁₀ , 99%) IN NONANE | 1.2 ML | ¥75,000 | NA |
| ES-5560 | MULTI-CLASS PESTICIDE INTERNAL STANDARD | 1 UG/ML IN ACETONITRILE | 1.2 ML | ¥357,400 | NA |
| ES-5561 | MULTI-CLASS PESTICIDE NATIVE STANDARD | 1 UG/ML IN ACETONITRILE | 1.2 ML | ¥75,000 | NA |
| ES-5627 | JECS NATIVE NEONICOTINOID MIXTURE | UNLabeled IN METHANOL | 1.2 ML | ¥29,000 | NA |
| ES-5634 | JECS NEONICOTINOID MIXTURE | (¹³ C, 99%; D, 98%; ¹⁵ N, 98%; ¹⁸ O, 96%) IN METHANOL | 1.2 ML | ¥336,000 | NA |
| NLM-4330-0.5 | CYANAZINE | (2-AMINO- ¹⁵ N, 98%+) | 0.5 G | ¥366,000 | C9H13Cl*NN5 |
| NOLM-10860-1.2 | FLONICAMID | (¹⁸ O, 96%+; AMIDE- ¹⁵ N, 98%) 100 UG/ML IN METHANOL | 1.2 ML | ¥131,600 | C9H6F3N2*N*O |
| ULM-10018-1.2 | PERMETHRIN (CIS/TRANS MIX) (95% CHEMICAL PURITY) | UNLabeled 100 UG/ML IN NONANE | 1.2 ML | ¥18,800 | C21H20Cl2O3 |
| ULM-10022-1.2 | FENVALERATE | UNLabeled 100 UG/ML IN NONANE | 1.2 ML | ¥26,800 | C25H22ClNO3 |
| ULM-10023-1.2 | FENPROPATHRIN | UNLabeled 100 UG/ML IN NONANE | 1.2 ML | ¥26,800 | C22H23NO3 |
| ULM-10027-1.2 | ALACHLOR | UNLabeled 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C14H20ClNO2 |
| ULM-10031-1.2 | TEFLUTHRIN (90% CHEMICAL PURITY) | UNLabeled 100 UG/ML IN NONANE | 1.2 ML | ¥26,800 | C17H14ClF7O2 |
| ULM-10032-1.2 | CYHALOTHRIN | UNLabeled 100 UG/ML IN NONANE | 1.2 ML | ¥26,800 | C23H19ClF3NO3 |
| ULM-10033-1.2 | DELTAMETHRIN | UNLabeled 100 UG/ML IN NONANE | 1.2 ML | ¥23,600 | C22H19B2NO3 |
| ULM-10034-1.2 | BIFENTHRIN | UNLabeled 100 UG/ML IN NONANE | 1.2 ML | ¥26,800 | C23H22ClF3O2 |
| ULM-10222-1.2 | BENSULIDE | UNLabeled 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥35,400 | C14H24NO4PS3 |
| ULM-10354-1.2 | TRIALLATE | UNLabeled 100 UG/ML IN NONANE | 1.2 ML | ¥26,800 | C10H16Cl3NOS |
| ULM-10428-1.2 | CARBOSULFAN | UNLabeled 100 UG/ML IN 1,4-DIOXANE | 1.2 ML | ¥35,400 | C20H32N2O3S |
| ULM-10494-1.2 | DICAMBA METHYL ESTER | UNLabeled 100 UG/ML IN METHANOL | 1.2 ML | ¥45,200 | C9H8Cl2O3 |
| ULM-10670-1.2 | NITENPYRAM | UNLabeled 100 UG/ML IN METHANOL | 1.2 ML | ¥33,400 | C11H15ClN4O2 |
| ULM-10693-1.2 | CIS-DBCA (95% CHEMICAL PURITY) | UNLabeled 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥67,000 | C8H10Br2O2 |
| ULM-10693-MT-1.2 | CIS-DBCA (95% CHEMICAL PURITY) | UNLabeled 100 UG/ML IN MTBE | 1.2 ML | ¥68,600 | C8H10Br2O2 |
| ULM-10731-1.2 | 4-CHLORO-2-METHYLPHENOXYACETIC ACID (MCPA) | UNLabeled 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥33,400 | C9H9ClO3 |
| ULM-10861-1.2 | FLONICAMID | UNLabeled 100 UG/ML IN METHANOL | 1.2 ML | ¥33,400 | C9H6F3N3O |
| ULM-10863-1.2 | ACETAMIPRID-N-DESMETHYL | UNLabeled 100 UG/ML IN METHANOL | 1.2 ML | ¥33,400 | C9H9ClN4 |
| ULM-10865-1.2 | CLOTHIANIDIN-DESMETHYL | UNLabeled 100 UG/ML IN METHANOL | 1.2 ML | ¥33,400 | C5H6ClN5O2S |
| ULM-10867-1.2 | IMIDACLOPRID-OLEFIN (97% CHEMICAL PURITY) | UNLabeled 100 UG/ML IN METHANOL | 1.2 ML | ¥33,400 | C9H8ClN5O2 |
| ULM-10869-1.2 | THIACLOPRID-AMIDE | UNLabeled 100 UG/ML IN METHANOL | 1.2 ML | ¥33,400 | C10H11ClN4O5 |
| ULM-10880-1.2 | AMINOMETHYLPHOSPHONIC ACID | UNLabeled 100 UG/ML IN WATER | 1.2 ML | ¥35,600 | C6H6N3P |
| ULM-11068-1.2 | 5-HYDROXY-IMIDACLOPRID | UNLabeled 100 UG/ML IN METHANOL | 1.2 ML | ¥33,000 | C9H10ClN5O3 |
| ULM-11070-1.2 | 4-HYDROXY-IMIDACLOPRID | UNLabeled 100 UG/ML IN METHANOL | 1.2 ML | ¥33,400 | C9H10ClN5O3 |
| ULM-11122-PK | 3-HYDROXY-2-METHYLPROPYL MERCAPTURIC ACID | UNLabeled | G | お問い合わせ | C9H17NO4S |
| ULM-11123-PK | 3-HYDROXY-3-METHYLPROPYL MERCAPTURIC ACID | UNLabeled | G | お問い合わせ | C9H17NO4S |
| ULM-11153-1.2 | GLUFOSINATE, AMMONIUM SALT | UNLabeled 100 UG/ML IN WATER | 1.2 ML | ¥35,600 | C5H15N2O4P |
| ULM-11163-1.2 | TERBUFOS | UNLabeled 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥38,600 | C9H21O2PS3 |
| ULM-11205-1.2 | 2,3,5,6-TETRAFLUOROBENZYL ALCOHOL (95% CP) | UNLabeled 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥46,800 | C7H4F4O |
| ULM-11207-1.2 | 2,3,5,6-TETRAFLUORO-4-METHYLBENZOIC ACID (97% CP) | UNLabeled 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥46,800 | C8H6F4O |
| ULM-11209-MT-1.2 | 2,3,5,6-TETRAFLUORO-4-METHYLBENZOIC ACID (97% CP) | UNLabeled 100 UG/ML IN MTBE | 1.2 ML | ¥43,600 | C8H4F4O2 |
| ULM-11211-1.2 | 2,3,5,6-TETRAFLUORO-1,4-BENZENEDIMETHANOL (95% CP) | UNLabeled 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥46,800 | C8H6F4O2 |
| ULM-11213-1.2 | 4-METHOXYMETHYL-2,3,5,6-TETRAFLUOROBENZYL ALCOHOL | UNLabeled (97% CP) 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥46,800 | C9H8F4O2 |
| ULM-11215-1.2 | 2-METHYL-3-PHENYLBENZOIC ACID (CONTAINS ~2% WATER) | UNLabeled 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥46,800 | C14H12O2 |
| ULM-11259-1.2 | CHRYSANTHEMUM DICARBOXYLIC ACID (96% CP) | UNLabeled 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥138,400 | C10H14O4 |
| ULM-11259-MT-1.2 | CHRYSANTHEMUM DICARBOXYLIC ACID (96% CP) | UNLabeled 100 UG/ML IN MTBE | 1.2 ML | ¥138,400 | C10H14O4 |

Pesticide and Chemical Weapon Standards

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|--------------------|---------------------------------|--|------------|------------|---------------------|
| ULM-11278-1.2 | DIURON (CHEMICAL PURITY 95%) | UNLabeled 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥33,400 | C9H10Cl2N2O |
| ULM-2301-0.1 | KEPONE (CHLORDECON) | UNLabeled | 0.1 G | ¥110,200 | C10Cl100 |
| ULM-2301-1.2 | KEPONE (CHLORDECON) | UNLabeled 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C10Cl100 |
| ULM-2419-0.01 | CIS-CHLORDANE(ALPHA) | UNLabeled | 0.01 G | ¥64,400 | C10H6Cl8 |
| ULM-2419-1.2 | CIS-CHLORDANE(ALPHA) | UNLabeled STANDARD 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C10H6Cl8 |
| ULM-2420-0.01 | TRANS-CHLORDANE (GAMMA) | UNLabeled | 0.01 G | ¥40,000 | C10H6Cl8 |
| ULM-2420-1.2 | TRANS-CHLORDANE(GAMMA) | UNLabeled STANDARD 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C10H6Cl8 |
| ULM-2420-25 | TRANS-CHLORDANE(GAMMA) | UNLabeled | 25 MG | ¥42,400 | C10H6Cl8 |
| ULM-2424-0.1 | HEPTACHLOR | UNLabeled | 0.1 G | ¥82,400 | C10H5Cl7 |
| ULM-2424-1.2 | HEPTACHLOR | UNLabeled 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C10H5Cl7 |
| ULM-2425-0.1 | CIS-HEPTACHLOR EPOXIDE | UNLabeled | 0.1 G | ¥152,000 | C10H5Cl7O |
| ULM-2425-1.2 | CIS-HEPTACHLOR EPOXIDE | UNLabeled 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C10H5Cl7O |
| ULM-2427-0.1 | MIREX | UNLabeled | 0.1 G | ¥76,000 | C10Cl12 |
| ULM-2427-1.2 | MIREX | UNLabeled 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C10Cl12 |
| ULM-6130-1.2 | HEXA-CHLOROBENZENE | UNLabeled 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C6Cl6 |
| ULM-6132-1.2 | BETA-HCH (BETA-BHC) | UNLabeled 50 UG/ML IN NONANE | 2 X 1.2 ML | ¥35,400 | C6H6Cl6 |
| ULM-6133-1.2 | GAMMA-HCH (GAMMA-BHC) (LINDANE) | UNLabeled 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C6H6Cl6 |
| ULM-6134-1.2 | 2,4'-DDT (97% CHEMICAL PURITY) | UNLabeled 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C1C6H4Cl(CC1)C6H4Cl |
| ULM-6135-1.2 | 4,4'-DDT | UNLabeled 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C14H9Cl5 |
| ULM-6136-1.2 | DICOFOL | UNLabeled 100 UG/ML IN NONANE | 1.2 ML | ¥33,400 | C14H9Cl5O |
| ULM-6137-1.2 | 4,4'-DDE | UNLabeled 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | ICLC6H4Cl2=CCl2 |
| ULM-6139-1.2 | OXYCHLORDANE | UNLabeled 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C10H4Cl8O |
| ULM-6139-SM-1.2 | OXYCHLORDANE | UNLabeled 100 UG/ML IN METHANOL | 1.2 ML | ¥35,400 | C10H4Cl8O |
| ULM-6205-1.2 | BROMOXYNIL (95% CP) | UNLabeled 50 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C7H3Br2NO |
| ULM-6251-1.2 | 2,4'-DDE | UNLabeled 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C14H8Cl4 |
| ULM-6575-A-1.2 | DAZINON | UNLabeled 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥35,400 | C12H21N2O3PS |
| ULM-6575-S-10X-1.2 | DAZINON | UNLabeled 1000 UG/ML IN NONANE | 1.2 ML | ¥46,800 | |

Pesticide and Chemical Weapon Standards

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|-----------------|--|--|--------|------------|------------------------------------|
| ULM-7419-1.2 | CARBOFURAN | UNLABELED 100 UG/ML IN 1,4-DIOXANE | 1.2 ML | ¥35,400 | C12H15NO3 |
| ULM-7432-1.2 | 2-ISOPROPYL-6-METHYL-4-PYRIMIDINOL | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥70,200 | C8H12N2O |
| ULM-7440-1.2 | METHOXYCHLOR | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | (CH3OC6H4)2CHCCl3 |
| ULM-7441-1.2 | ALDRIN | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C12H8Cl6 |
| ULM-7442-1.2 | ISODRIN | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C12H8Cl6 |
| ULM-7443-1.2 | CHLORDENE | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C10H6Cl6 |
| ULM-7444-1.2 | ENDRIN | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C12H8Cl6O |
| ULM-7445-1.2 | CIS-NONACHLOR | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C10H5Cl9 |
| ULM-7447-1.2 | ENDOSULFAN I | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C9H6Cl6O3S |
| ULM-7448-1.2 | ENDOSULFAN II | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C9H6Cl6O3S |
| ULM-7450-1.2 | 2,4'-DDD | UNLABELED 50 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C14H10Cl4 |
| ULM-7453-1.2 | CYPERMETHRIN, (MIX OF STEREOISOMERS) | UNLABELED 100 UG/ML IN NONANE (CP 97%) | 1.2 ML | ¥18,800 | C22H19Cl2NO3 |
| ULM-7454-1.2 | CYFLUTHRIN, (MIX OF STEREOISOMERS) | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥23,600 | C22H18Cl2FN03 |
| ULM-7489-1.2 | CHLORPYRIFOS | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C9H11Cl3NO3PS |
| ULM-7525-1.2 | 2,4,5-TRICHLOROPHENOL | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | ¥35,400 | C6H3Cl3O |
| ULM-7525-SI-1.2 | 2,4,5-TRICHLOROPHENOL | UNLABELED 100 UG/ML IN ISOCTANE | 1.2 ML | ¥35,400 | C6H3Cl3O |
| ULM-7567-1.2 | PHORATE | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥35,400 | C7H17O2PS3 |
| ULM-7597-1.2 | PENTACHLORONITROBENZENE | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥26,800 | C6C15NO2 |
| ULM-7605-1.2 | PENTACHLOROANISOLE | UNLABELED 100 UG/ML IN TOLUENE | 1.2 ML | ¥35,400 | C7H3Cl5O |
| ULM-7828-1.2 | PARLAR 26 | UNLABELED 10 UG/ML IN NONANE | 1.2 ML | ¥91,800 | C10H10Cl8 |
| ULM-7829-1.2 | PARLAR 50 | UNLABELED 10 UG/ML IN NONANE | 1.2 ML | ¥91,800 | C10H9Cl9 |
| ULM-7830-1.2 | PARLAR 62 | UNLABELED 10 UG/ML IN NONANE | 1.2 ML | ¥91,800 | C10H9Cl9 |
| ULM-7869-1.2 | TRANS-HEPTACHLOR EPOXIDE | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C10H5Cl7O |
| ULM-7893-1.2 | SIMAZINE | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | ¥35,400 | C7H12ClN5 |
| ULM-7893-A-1.2 | SIMAZINE | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥35,400 | C7H12ClN5 |
| ULM-7972-1.2 | DIMETHOATE | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥35,400 | C5H12NO3PS2 |
| ULM-7975-1.2 | N,N-DIETHYL-M-TOLUAMIDE (DEET) | UNLABELED 100 UG/ML IN CH2Cl2 | 1.2 ML | ¥35,400 | CH3C6H4CON(CH2CH3)2 |
| ULM-7975-D-1.2 | N,N-DIETHYL-M-TOLUAMIDE (DEET) | UNLABELED 100 UG/ML IN DIOXANE | 1.2 ML | ¥35,400 | CH3C6H4CON(C2H5)2 |
| ULM-7990-1.2 | ENDOSULFAN SULFATE | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥46,800 | C9H6Cl6O4S |
| ULM-8001-1.2 | DESETHYLDESOPROPYLATRAZINE | UNLABELED 100 UG/ML IN CH3CN | 1.2 ML | ¥46,800 | C3H4ClN5 |
| ULM-8096-1.2 | CARBARYL | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C10H7OCONHCH3 |
| ULM-8122-1.2 | MALATHION | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | [CH3]2-SSCH(COOCH3)2CH3C(Cl)COOCH3 |
| ULM-8144-1.2 | PARATHION | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | N[O2]C6H4(O)P(=S)(O2C2H5)2 |
| ULM-8304-1.2 | PROPAZINE | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | ¥35,400 | C9H16ClN5 |
| ULM-8317-1.2 | HYDROXYATRAZINE | UNLABELED 100 UG/ML IN 80% H2O/ 20% DIETHYLAMINE | 1.2 ML | ¥46,800 | C8H15N5O |
| ULM-8319-1.2 | DESIOPROPYLATRAZINE | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥46,800 | C5H8ClN5 |
| ULM-8320-1.2 | DESETHYLATRAZINE | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥46,800 | C6H10ClN5 |
| ULM-8321-1.2 | DESIOPROPYLHYDROXYATRAZINE 97% CP | UNL 100UG/ML IN 80% H2O/20% DIETHYLAMINE | 1.2 ML | ¥46,800 | C5H9N5O |
| ULM-8322-1.2 | DESETHYLHYDROXYATRAZINE | UNLABELED 100 UG/ML IN 80% H2O/ 20% DIETHYLAMINE | 1.2 ML | ¥46,800 | C6H11N5O |
| ULM-8323-1.2 | DESETHYLDISOPROPYLHYDROXYATRAZINE(AMMELINE)94%CP | UNLABELED 100 UG/ML IN 80% H2O/ 20% DIETHYLAMINE | 1.2 ML | ¥46,800 | C3H5N5O |
| ULM-8371-1.2 | THIABENDAZOLE | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥35,400 | C10H7N3S |
| ULM-8454-1.2 | PHOSMET | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥35,400 | C11H12N04PS2 |
| ULM-8513-1.2 | IMIDACLOPRID | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | ¥35,400 | C9H10ClN5O2 |
| ULM-8526-1.2 | CIS-PERMETHRIN | UNLABELED 50 UG/ML IN NONANE | 1.2 ML | ¥26,800 | C21H20Cl2O3 |
| ULM-8527-1.2 | TRANS-PERMETHRIN | UNLABELED 50 UG/ML IN NONANE | 1.2 ML | ¥26,800 | C21H20Cl2O3 |
| ULM-8579-1.2 | OXYDEMETO-N-METHYL (95% CHEMICAL PURITY) | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥35,400 | C6H15O4PS2 |
| ULM-8639-1.2 | METHOMYL | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | ¥35,400 | C5H10N2O2S |
| ULM-8665-1.2 | PARLAR 32 | UNLABELED 10 UG/ML IN NONANE | 1.2 ML | ¥91,800 | C10H11Cl7 |
| ULM-8767-1.2 | PARLAR 39 | UNLABELED 10 UG/ML IN NONANE | 1.2 ML | ¥91,800 | C10H10Cl8 |
| ULM-8768-1.2 | PARLAR 69 | UNLABELED 10 UG/ML IN NONANE | 1.2 ML | ¥91,800 | C10H8Cl10 |
| ULM-8769-1.2 | PARLAR 70 | UNLABELED (95% CP) 10 UG/ML IN NONANE | 1.2 ML | ¥91,800 | C10H8Cl10 |
| ULM-8872-1.2 | METHAMIDOPHOS | UNLABELED 100 UG/ML IN DIOXANE | 1.2 ML | ¥35,400 | C2H8N02PS |
| ULM-8956-1.2 | ENDRIN KETONE | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C12H8Cl6O |
| ULM-8956-50 | ENDRIN KETONE | UNLABELED | 50 UG | ¥26,800 | C12H8Cl6O |

Pesticide and Chemical Weapon Standards

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|-----------------|-------------------------------------|-------------------------------------|--------|------------|-----------------|
| ULM-8958-1.2 | ENDRIN ALDEHYDE | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C12H8Cl6O |
| ULM-8958-50 | ENDRIN ALDEHYDE | UNLABELED | 50 UG | ¥26,800 | C12H8Cl6O |
| ULM-9005-1.2 | PARLAR 38 | UNLABELED 10 UG/ML IN NONANE | 1.2 ML | ¥91,800 | C10H10Cl8 |
| ULM-9073-MT-1.2 | MALATHION DIACID | UNLABELED 100 UG/ML IN MTBE | 1.2 ML | ¥33,400 | C6H11O6PS2 |
| ULM-9175-1.2 | TRANS-DCCA | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥70,200 | C8H10Cl2O2 |
| ULM-9175-MT-1.2 | TRANS-DCCA | UNLABELED 100 UG/ML IN MTBE | 1.2 ML | ¥70,200 | C8H10Cl2O2 |
| ULM-9176-1.2 | CIS-DCCA | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥70,200 | C8H10Cl2O2 |
| ULM-9176-MT-1.2 | CIS-DCCA | UNLABELED 100 UG/ML IN MTBE | 1.2 ML | ¥70,200 | C8H10Cl2O2 |
| ULM-9204-1.2 | 3,5,6-TRICHLORO-2-PYRIDINOL (TCPY) | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥46,800 | C5H2Cl3NO |
| ULM-9399-1.2 | AZINPHOS-METHYL | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C10H12N3O3PS2 |
| ULM-9428-1.2 | HX-SED | UNLABELED 10 UG/ML IN NONANE | 1.2 ML | ¥91,800 | C10H12Cl6 |
| ULM-9429-1.2 | HP-SED | UNLABELED 10 UG/ML IN NONANE | 1.2 ML | ¥91,800 | C10H11Cl7 |
| ULM-9430-1.2 | PARLAR 40 | UNLABELED 10 UG/ML IN NONANE | 1.2 ML | ¥91,800 | C10H10Cl8 |
| ULM-9431-1.2 | PARLAR 41 | UNLABELED 10 UG/ML IN NONANE | 1.2 ML | ¥91,800 | C10H10Cl8 |
| ULM-9432-1.2 | PARLAR 44 | UNLABELED 10 UG/ML IN NONANE | 1.2 ML | ¥91,800 | C10H10Cl8 |
| ULM-9538-1.2 | CHLORPYRIFOS-METHYL | UNLABELED 100 UG/ML IN NONANE | 1.2 ML | ¥35,400 | C7H7Cl3NO3PS |
| ULM-9604-1.2 | 6-CHLORONICOTINIC ACID | UNLABELED 100 UG/ML IN MTBE | 1.2 ML | ¥35,400 | C6H4ClN02 |
| ULM-9635-MT-1.2 | FIPRONIL (97% CP) | UNLABELED 100 UG/ML IN MTBE | 1.2 ML | ¥35,400 | C12H4Cl2F6N4S |
| ULM-9642-1.2 | FIPRONIL SULFONE | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | ¥35,400 | C12H4Cl2F6N4O2S |
| ULM-9644-1.2 | FIPRONIL SULFIDE | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | ¥35,400 | C12H4Cl2F6N4S |
| ULM-9646-1.2 | FIPRONIL DESULFINYL | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | ¥35,400 | C12H4Cl2F6N4 |
| ULM-9649-1.2 | FIPRONIL DETRIFLUOROMETHYL SULFINYL | (UNLABELED)100 UG/ML IN METHANOL | 1.2 ML | ¥35,400 | C11H5Cl2F3N4 |
| ULM-9674-1.2 | SODIUM MONOFLUOROACETATE | UNLABELED 1 MG/ML IN WATER | 1.2 ML | ¥35,400 | FCH2COONa |
| ULM-9691-1.2 | 3-TETRAHYDROFUROIC ACID | UNLABELED 100 UG/ML IN MTBE | 1.2 ML | ¥35,400 | C5H8O3 |
| ULM-9732-1.2 | DINOTEFURAN | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | ¥35,400 | C7H14N4O3 |
| ULM-9733-1.2 | THIACLOPRID | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | ¥35,400 | C10H9ClN4S |
| ULM-9734-1.2 | ACETAMIPRID | UNLABELED 100 UG/ML IN METH | | | |

Pesticide and Chemical Weapon Standards

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|--------------------|--|--|--------|------------|-----------------------------|
| CDLM-6100-1.2 | METHYLPHOSPHONIC ACID | (¹³ C, 99%; METHYL-D ₃ , 98%) 100 UG/ML IN METHANOL | 1.2 ML | ¥191,000 | *CD3P(O)(OH)2 |
| CDNLM-6786-1.2 | AMINOMETHYLPHOSPHONIC ACID (AMPA) | (¹³ C, 99%; ¹⁵ N, 98%; METHYLENE-D ₂ , 98%) 100 UG/ML H ₂ O | 1.2 ML | ¥194,000 | *CH4D2*NO3P |
| CDNLM-6786-10 | AMINOMETHYLPHOSPHONIC ACID (AMPA) | (¹³ C, 99%; ¹⁵ N, 98%; METHYLENE-D ₂ , 98%) 100 UG/ML H ₂ O | 10 ML | ¥859,400 | *CH4D2*NO3P |
| CLM-6092-1.2 | METHYLPHOSPHONIC ACID, MONOISOPROPYL ESTER | (ISOPROPYL- ¹³ C ₆ , 99%) 100 UG/ML IN METHANOL | 1.2 ML | ¥199,600 | C*C3H11O3P |
| CLM-6096-1.2 | METHYLPHOSPHONIC ACID, MONOCYCLOHEXYL ESTER | (CYCLOCHEXYL- ¹³ C ₆ , 99%) 100 UG/ML IN METHANOL | 1.2 ML | ¥199,600 | C*C6H15O3P |
| CLM-6620-1.2 | METHYLPHOSPHONIC ACID, MONO-(1,2,2-TRIMETHYL-PROPYLESTER) | (TRIMETHYLPROPYLEN- ¹³ C ₆ , 99%) 100 UG/ML IN MEOH | 1.2 ML | ¥199,600 | C*C6H17O3P |
| DLM-10606-1.2 | BETA-THIODIGLYCOL | (1,1,1';2,2,2';2'-D ₃ , 98%) 1 MG/ML IN METHANOL | 1.2 ML | ¥106,600 | C4H2D8O2S |
| DLM-4541-M-1.2 | O,O-DIMETHYL DITHIOPHOSPHATE, POTASSIUM SALT | (DIMETHYL-D ₃ , 98%) 100 UG/ML IN METHANOL | 1.2 ML | ¥199,600 | C2D6K02PS2 |
| DLM-4851-M-1.2 | O,O-DIETHYLPHOSPHORIC ACID, POTASSIUM SALT | (DIETHYL-D ₁₀ , 98%) 100 UG/ML IN METHANOL | 1.2 ML | ¥199,600 | C4D10K04P |
| DLM-4852-1.2 | O,O-DIETHYL THIOPHOSPHATE, POTASSIUM SALT | (DIETHYL-D ₁₀ , 98%) 100 UG/ML IN MEOH | 1.2 ML | ¥199,600 | C4D10K03PS |
| DLM-6098-1.2 | ETHYL HYDROGEN METHYLPHOSPHONATE | (ETHYL-D ₅ , 98%) 100 UG/ML IN METHANOL | 1.2 ML | ¥190,200 | C3H4D5O3P |
| DLM-6196-1.2 | METHYLPHOSPHONIC ACID | (METHYL-D ₃ , 98%) 100 UG/ML IN METHANOL | 1.2 ML | ¥190,200 | CH2D3O3P |
| DLM-6196-10X-1.2 | METHYLPHOSPHONIC ACID | (METHYL-D ₃ , 98%) 1000 UG/ML IN METHANOL | 1.2 ML | ¥1,133,400 | CH2D3O3P |
| DLM-8868-1.2 | O,O-DIMETHYLPHOSPHORIC ACID, POTASSIUM SALT | (DIMETHYL-D ₃ , 98%) 100 UG/ML IN METHANOL | 1.2 ML | ¥199,600 | NA |
| DLM-8904-1.2 | O,O-DIMETHYL THIOPHOSPHATE, POTASSIUM SALT | (DIMETHYL-D ₃ , 98%) 100 UG/ML IN METHANOL 97%+ PURE | 1.2 ML | ¥199,600 | C2D6K03PS |
| DLM-9003-1.2 | O,O-DIETHYL DITHIOPHOSPHATE, POTASSIUM SALT | (DIETHYL-D ₁₀ , 98%) 100 UG/ML IN METHANOL | 1.2 ML | ¥199,600 | C4D10K02PS2 |
| ES-5547 | DIALKYL PHOSPHATE AND PHOSPHOROTHIOATE COCKTAIL | (D, 98%) 10 UG/ML IN METHANOL | 1.2 ML | ¥299,800 | NA |
| ES-5547-10X | DIALKYL PHOSPHATE AND PHOSPHOROTHIOATE COCKTAIL | (D, 98%) 100 UG/ML IN METHANOL | 1.2 ML | ¥989,200 | NA |
| ES-5548 | DIALKYL PHOSPHATE AND PHOSPHOROTHIOATE NATIVE | UNLABELED 10 UG/ML IN METHANOL | 1.2 ML | ¥91,600 | NA |
| ES-5548-10X | DIALKYL PHOSPHATE AND PHOSPHOROTHIOATE NATIVE | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | ¥280,000 | NA |
| ES-5562 | HD METABOLITES NATIVE STANDARD | 100 UG/ML IN METHANOL | 1.2 ML | ¥119,200 | NA |
| ES-5563 | AMINES AND ALCOHOL NATIVE STANDARD | 100 UG/ML IN METHANOL | 1.2 ML | ¥119,200 | NA |
| ES-5564 | PHOSPHONIC ACID NATIVE STANDARD | 100 UG/ML IN METHANOL | 1.2 ML | ¥119,200 | NA |
| ES-5565 | PHOSPHONIC ACID ESTERS NATIVE STANDARD | 100 UG/ML IN METHANOL | 1.2 ML | ¥119,200 | NA |
| ES-5566 | PHOSPHONIC ACID HALF-ESTERS NATIVE STANDARD | 100 UG/ML IN METHANOL | 1.2 ML | ¥119,200 | NA |
| ULM-10787-1.2 | THIODIGLYCOL | UNLABELED 1 MG/ML IN METHANOL | 1.2 ML | ¥46,400 | C4H1002S |
| ULM-6075-1.2 | O,O-DIETHYLPHOSPHOROTHIOATE, POTASSIUM SALT | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | ¥51,200 | (C2H5O) ₂ P(O)SK |
| ULM-6075-20X-1.2 | O,O-DIETHYL PHOSPHOROTHIOATE, POTASSIUM SALT | UNLABELED 2 MG/ML IN METHANOL | 1.2 ML | ¥182,800 | (C2H5O) ₂ P(O)SK |
| ULM-6091-1.2 | N,N-DIMETHYLPHOSPHORAMIDIC ACID, MONOETHYL ESTER, SODIUM SALT (90% CP) | UNL 1000 UG/ML IN METHANOL | 1.2 ML | ¥51,200 | C4H11NPO3Na |
| ULM-6093-1.2 | METHYLPHOSPHONIC ACID, MONOISOPROPYL ESTER | UNLABELED 1000 UG/ML IN METHANOL | 1.2 ML | ¥51,200 | C4H11O3P |
| ULM-6097-1.2 | METHYLPHOSPHONIC ACID, MONOCYCLOHEXYL ESTER | UNLAB. 100 UG/ML IN METHANOL | 1.2 ML | ¥48,000 | C7H15O3P |
| ULM-6097-10X-1.2 | METHYLPHOSPHONIC ACID, MONOCYCLOHEXYL ESTER | UNLAB. 1000 UG/ML IN METHANOL | 1.2 ML | ¥67,000 | C7H15O3P |
| ULM-6099-1.2 | METHYLPHOSPHONIC ACID, MONOETHYL ESTER | UNLABELED 1000 UG/ML IN METHANOL | 1.2 ML | ¥48,000 | CH3P(O)(OH)OCH2CH3 |
| ULM-6101-1.2 | METHYLPHOSPHONIC ACID | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | ¥48,000 | CH3P(O)(OH)2 |
| ULM-6619-1.2 | METHYLPHOSPHONIC ACID, MONO-(1,2,2-TRIMETHYL-PROPYL) ESTER (CP 95%) | UNLAB 1000UG/ML IN METHANOL | 1.2 ML | ¥48,000 | CH3P(O)(OH)OCH(CH3)C(CH3)3 |
| ULM-8867-1.2 | O,O-DIMETHYLPHOSPHORIC ACID, POTASSIUM SALT | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | ¥51,200 | C2H6K04P |
| ULM-8867-20X-1.2 | O,O-DIMETHYLPHOSPHORIC ACID, POTASSIUM SALT | UNLABELED 2 MG/ML IN METHANOL | 1.2 ML | ¥91,600 | C2H6K04P |
| ULM-8905-1.2 | O,O-DIMETHYLPHOSPHOROTHIOATE, POTASSIUM SALT | UNLABELED 1000 UG/ML IN METHANOL 97%+PURE | 1.2 ML | ¥71,400 | C2H6K03PS |
| ULM-8905-2X-1.2 | O,O-DIMETHYLPHOSPHOROTHIOATE, POTASSIUM SALT | UNLABELED 2MG/ML IN METHANOL 97%+PURE | 1.2 ML | ¥91,600 | C2H6K03PS |
| ULM-9002-1.2 | O,O-DIETHYLPHOSPHORODITHIOATE, POTASSIUM SALT | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | ¥51,200 | C4H10K02PS2 |
| ULM-9002-20X-1.2 | O,O-DIETHYLPHOSPHORODITHIOATE, POTASSIUM SALT | UNLABELED 2 MG/ML IN METHANOL | 1.2 ML | ¥91,600 | C4H10K02PS2 |
| ULM-9004-1.2 | O,O-DIMETHYLPHOSPHORODITHIOATE, POTASSIUM SALT | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | ¥51,200 | C2H6K02PS2 |
| ULM-9004-20X-1.2 | O,O-DIMETHYLPHOSPHORODITHIOATE, POTASSIUM SALT | UNLABELED 2 MG/ML IN METHANOL | 1.2 ML | ¥91,600 | C2H6K02PS2 |
| ULM-9225-1.2 | RICININE | UNLABELED 100 UG/ML IN ACETONITRILE | 1.2 ML | ¥38,800 | C8H8N2O2 |
| ULM-9287-M-1.2 | O,O-DIETHYLPHOSPHORIC ACID, POTASSIUM SALT | UNLABELED 100 UG/ML IN METHANOL | 1.2 ML | ¥51,200 | C4H10K04P |
| ULM-9287-M-20X-1.2 | O,O-DIETHYLPHOSPHORIC ACID, POTASSIUM SALT | UNLABELED 2 MG/ML IN METHANOL | 1.2 ML | ¥91,600 | C4H10K04P |
| ULM-9886-1.2 | 2-PROPYLPHOSPHONIC ACID | UNLABELED 1000 UG/ML IN METHANOL | 1.2 ML | ¥48,000 | C3H9O3P |
| ULM-9887-1.2 | 1,4-DITHIANE | UNLABELED 1000 UG/ML IN METHANOL | 1.2 ML | ¥48,000 | C4H8S2 |
| ULM-9888-1.2 | 1,4-THIOXANE | UNLABELED 1000 UG/ML IN METHANOL | 1.2 ML | ¥48,000 | C4H8OS |
| ULM-9889-1.2 | THIODIGLYCOL SULFOXIDE | UNLABELED 1000 UG/ML IN METHANOL | 1.2 ML | ¥48,000 | C4H1003S |
| ULM-9890-1.2 | THIODIGLYCOL SULFONE (~70% WT IN H ₂ O) | UNLABELED 1000 UG/ML IN METHANOL | 1.2 ML | ¥48,000 | O2S(CH2CH2O)2 |
| ULM-9891-1.2 | TRIETHANOLAMINE | UNLABELED 1000 UG/ML IN METHANOL | 1.2 ML | ¥48,000 | (HOCH2CH2)3N |
| ULM-9892-1.2 | N-METHYLDIETHANOLAMINE | UNLABELED 1000 UG/ML IN METHANOL | 1.2 ML | ¥48,000 | CH3N(CH2CH2O)2 |
| ULM-9893-1.2 | N-ETHYLDIETHANOLAMINE | UNLABELED 1000 UG/ML IN METHANOL | 1.2 ML | ¥48,000 | (HOCH2CH2)2NC2H5 |

Pesticide and Chemical Weapon Standards

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|--------------|--|----------------------------------|--------|------------|------------------|
| ULM-9894-1.2 | PINACOLYL ALCOHOL | UNLABELED 1000 UG/ML IN METHANOL | 1.2 ML | ¥48,000 | (CH3)3CCH(OH)CH3 |
| ULM-9895-1.2 | 1-PROPYLPHOSPHONIC ACID | UNLABELED 1000 UG/ML IN METHANOL | 1.2 ML | ¥48,000 | C3H9O3P |
| ULM-9896-1.2 | DIMETHYL METHYLPHOSPHONATE | UNLABELED 1000 UG/ML IN METHANOL | 1.2 ML | ¥48,000 | C3H9O3P |
| ULM-9897-1.2 | DIETHYL METHYLPHOSPHONATE | UNLABELED 1000 UG/ML IN METHANOL | 1.2 ML | ¥48,000 | CH3P(O)(OC2H5)2 |
| ULM-9898-1.2 | DIISOPROPYL METHYLPHOSPHONATE (95% CP) | UNLABELED 1000 UG/ML IN METHANOL | 1.2 ML | ¥48,000 | C7H17O3P |
| ULM-9899-1.2 | DIPINACOLYL METHYLPHOSPHONATE | UNLABELED 1000 UG/ML IN METHANOL | 1.2 ML | ¥48,000 | C13H29O3P |
| ULM-9948-1.2 | ETHYLPHOSPHONIC ACID | UNLABELED 1000 UG/ML IN METHANOL | 1.2 ML | ¥48,000 | C2H5P(O)(OH)2 |

Cyanotoxins

| Catalog No. | Compound | Description | Amount | Price (\$) | Formula |
|-------------------|--|---|----------|------------|----------------|
| DLM-10260-0.025MG | MICROCYSTIN-LR, ETHYLATED | (D ₅ , 98%) | 0.025 MG | ¥113,000 | C51H72D5N10012 |
| NLM-10295-1.2 | MICROCYSTIN-LR | (¹⁵ N ₁₀ , 97%) 10 UG/ML IN 1:1 METHANOL:WATER | 1.2 ML | ¥170,400 | C49H74*N10012 |
| NLM-10340-1.2 | MICROCYSTIN-RR | (¹⁵ N ₁₃ , 98%) 10 UG/ML IN 1:1 METHANOL:WATER | 1.2 ML | ¥170,400 | C49H75*N13012 |
| NLM-10343-1.2 | MICROCYSTIN-YR | (¹⁵ N ₁₀ , 98%) 10 UG/ML IN 1:1 METHANOL:WATER | 1.2 ML | ¥197,600 | C52H72*N10013 |
| NLM-10345-1.2 | MICROCYSTIN-LA | (¹⁵ N ₇ , 98%) 10 UG/ML IN 1:1 METHANOL:WATER | 1.2 ML | ¥197,600 | C46H67*N7012 |
| ULM-10341-1.2 | MICROCYSTIN-RR | UNLABLED 10 UG/ML IN 1:1 METHANOL:WATER | 1.2 ML | ¥51,200 | C49H75N13012 |
| ULM-10342-1.2 | MICROCYSTIN-LR | UNLABLED 10 UG/ML IN 1:1 METHANOL:WATER | 1.2 ML | ¥51,200 | C49H74N10012 |
| ULM-10344-1.2 | MICROCYSTIN-YR | UNLABLED 10 UG/ML IN 1:1 METHANOL:WATER | 1.2 ML | ¥69,800 | C52H72N10013 |
| ULM-10346-1.2 | MICROCYSTIN-LA | UNLABLED 10 UG/ML IN 1:1 METHANOL:WATER | 1.2 ML | ¥69,800 | C46H67N7012 |
| CNLM-10424-1.2 | BETA-N-METHYLAMINO-L-ALANINE 100 UG/ML IN 0.1M HCL | (¹³ C ₃ ,99%; ¹⁵ N ₂ ,98%)US PAT PENDING: 62/368,562 | 1.2 ML | ¥168,200 | C*C3H10*N202 |
| ULM-10493-1.2 | BETA-N-METHYLAMINO-L-ALANINE HCL (97% CP) | UNLABLED 100 UG/ML IN 0.1M HCL | 1.2 ML | ¥48,000 | C4H10N2O2-HCl |

[発売元]



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Cambridge Isotope Laboratories, Inc.

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