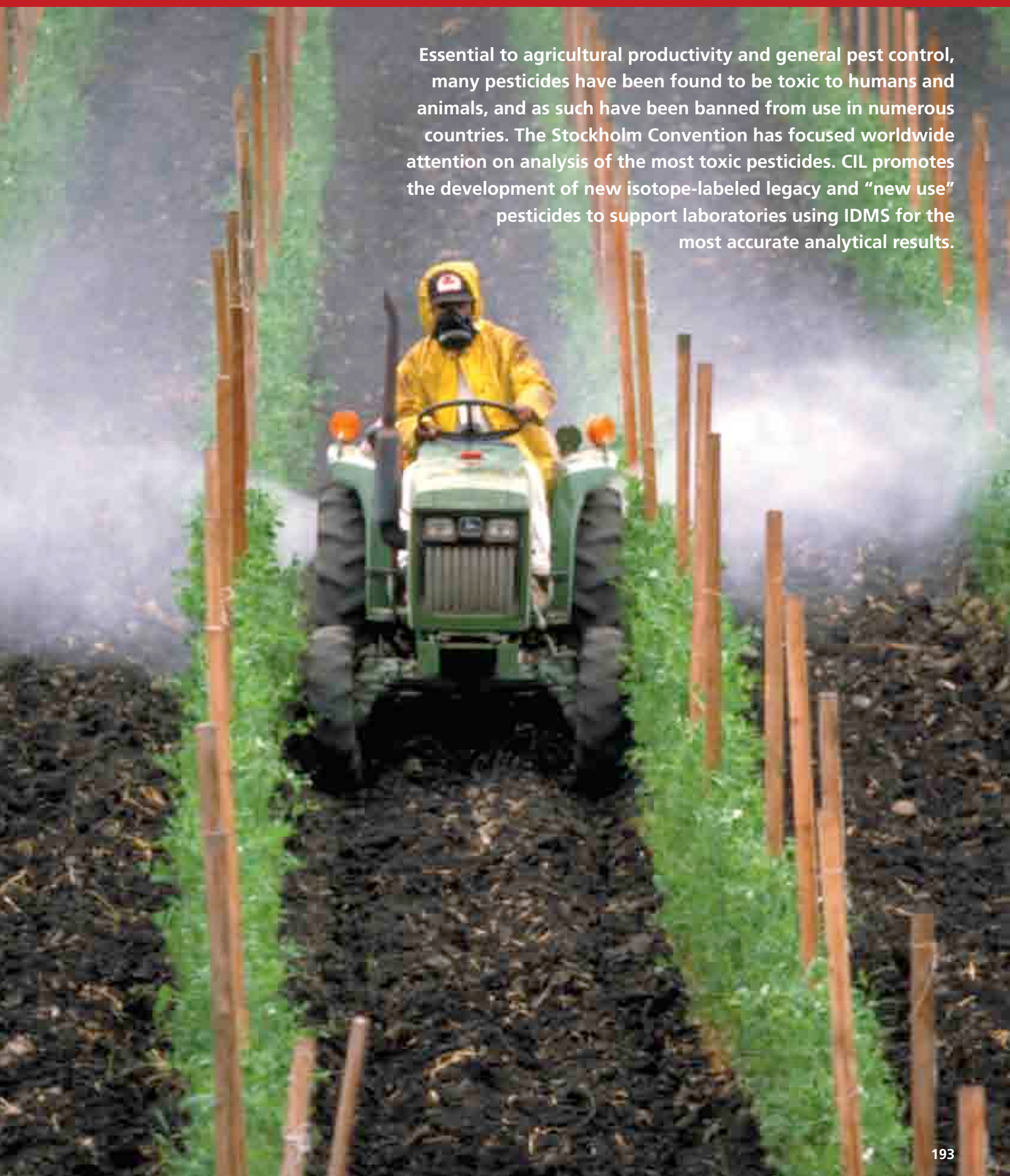


Essential to agricultural productivity and general pest control, many pesticides have been found to be toxic to humans and animals, and as such have been banned from use in numerous countries. The Stockholm Convention has focused worldwide attention on analysis of the most toxic pesticides. CIL promotes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



Pesticide Standards

CIL continues to add to our already extensive inventory of isotopically labeled standards for pesticide and pesticide metabolite analysis. As a result of this development over the past few years, we can now present our standards by category, including: Organochlorine, Organophosphorous, Carbamate, Triazine, or Pyrethroid pesticide standards. You can still find our complete listing as well if you wish to scan through the comprehensive array of standards.

Chlorinated Cyclodiene Pesticide Standards

Chlorinated Cyclodiene Pesticides account for seven of the compounds governed by the Stockholm Convention. While production and use of these compounds is stringently regulated if not banned outright, their widespread use for decades and persistence in the environment ensures their presence in the environment and biota for years to come. CIL offers a comprehensive selection of the individual standards, as well as a growing list of convenient mixes.

Organochlorine Pesticide Standards

Organochlorinated Pesticides, like Chlorinated Cyclodiene Pesticides, are heavily represented in the list of compounds governed by the Stockholm Convention. Also like Chlorinated Cyclodiene Pesticides, their widespread use for decades and persistence in the environment ensures their presence in the environment and biota for years to come.

Organophosphate (OP), Pyrethroid and Carbamate Pesticides

As man's quest for less toxic (to larger species) and less environmentally persistent pesticides expands, the need for new testing has expanded as well. CIL continues to prepare and provide standards for the analysis of alternative and minor pesticides and herbicides.

Triazine Herbicide and Metabolite Standards

Atrazine is one of the most widely used herbicides in the world. In recent years, studies on the correlation of physical and reproductive disorders in frogs with Atrazine exposure has been a controversial topic. With CIL's comprehensive collection of carefully purified and prepared standards of Atrazine and its many metabolites, researchers should have some powerful tools to refine their investigations.

Toxaphene Standards

CIL has put considerable effort into developing the first set of ¹³C-labeled Toxaphene standards! Listed by Parlar congener#, our labeled and unlabeled standard offerings continue to grow, so keep an eye on our website and future product announcements for more details. Our new POPs Toxaphene mixtures are ideal for researchers interested in primary investigations of the most prevalent congeners.

Pesticide Standard Mixtures

New applications and increased testing by Isotope Dilution MS have led to the development of several new pesticides mixtures being offered for the first time in this catalog. Our new Expanded POPs pesticide calibration series and related spiking mixtures contain all pesticides listed as Stockholm Convention POPs compounds, including the recently added Kepone (aka Chlordane), HCHs (including Lindane), Pentachlorobenzene, and Endosulfan I and II. These new solutions allow analysts to use preformulated mixtures for detection and quantification of the complete series of these important POPs compounds.

Chemical Weapon Metabolite Standards

Often quite similar to metabolites of common pesticides, Chemical Weapons metabolite standards assist researchers determine potential contamination from dangerous compounds such as nerve agents and other toxic chemicals. Several metabolites, degradation byproducts and more are represented in this section.

Chlorinated Cyclodiene Pesticide Standards

	Catalog #	Compound	Formula	Concentration	Amount
	CLM-4725-1.2	Aldrin (¹³ C ₁₂ ,99%)	*C ₁₂ H ₈ Cl ₆	100 µg/mL in Nonane	1.2 mL
	ULM-7441-1.2	Aldrin (unlabeled)	C ₁₂ H ₈ Cl ₆	100 µg/mL in Nonane	1.2 mL
NEW	CLM-8087-1.2	cis-Chlordane (α) (¹³ C ₁₀ ,99%)	*C ₁₀ H ₆ Cl ₈	100 µg/mL in Nonane	1.2 mL
	ULM-2419-25	cis-Chlordane (α) (unlabeled)	C ₁₀ H ₆ Cl ₈	Neat	25 mg
	CLM-4792-1.2	trans-Chlordane (γ) (¹³ C ₁₀ ,99%)	*C ₁₀ H ₆ Cl ₈	100 µg/mL in Nonane	1.2 mL
	ULM-2420-1.2	trans-Chlordane (γ) (unlabeled)	C ₁₀ H ₆ Cl ₈	100 µg/mL in Nonane	1.2 mL
NEW	CLM-4814-1.2	Chlordecone (Kepone) (¹³ C ₁₀ ,99%)	*C ₁₀ Cl ₁₀ O	100 µg/mL in Nonane	1.2 mL
NEW	ULM-2301-1.2	Chlordecone (Kepone) (unlabeled)	C ₁₀ Cl ₁₀ O	100 µg/mL in Nonane	1.2 mL
	CLM-4758-1.2	Chlordene (¹³ C ₁₀ ,99%)	*C ₁₀ H ₆ Cl ₆	100 µg/mL in Nonane	1.2 mL
	ULM-7443-1.2	Chlordene (unlabeled)	C ₁₀ H ₆ Cl ₆	100 µg/mL in Nonane	1.2 mL
	CLM-4726-1.2	Dieldrin (¹³ C ₁₂ ,99%)	*C ₁₂ H ₈ Cl ₆ O	100 µg/mL in Nonane	1.2 mL
	ULM-7230-1.2	Dieldrin (unlabeled)	C ₁₂ H ₈ Cl ₆ O	100 µg/mL in Nonane	1.2 mL
	CLM-6025-1.2	Endosulfan I (¹³ C ₉ ,99%)	*C ₉ H ₆ Cl ₆ O ₃ S	100 µg/mL in Nonane	1.2 mL
	DLM-2862-1.2	Endosulfan I (D ₄ ,97%)	C ₉ D ₄ H ₂ Cl ₆ O ₃ S	100 µg/mL in Nonane	1.2 mL
	ULM-7447-1.2	Endosulfan I (unlabeled)	C ₉ H ₆ Cl ₆ O ₃ S	100 µg/mL in Nonane	1.2 mL
	CLM-6026-1.2	Endosulfan II (¹³ C ₉ ,99%)	*C ₉ H ₆ Cl ₆ O ₃ S	100 µg/mL in Nonane	1.2 mL
	ULM-7448-1.2	Endosulfan II (unlabeled)	C ₉ H ₆ Cl ₆ O ₃ S	100 µg/mL in Nonane	1.2 mL
NEW	CLM-7531-1.2	Endosulfan sulfate (¹³ C ₉ ,99%)	*C ₉ H ₆ Cl ₆ O ₄ S	100 µg/mL in Nonane	1.2 mL
NEW	ULM-7990-1.2	Endosulfan sulfate (unlabeled)	C ₉ H ₆ Cl ₆ O ₄ S	100 µg/mL in Nonane	1.2 mL
	CLM-4782-1.2	Endrin (¹³ C ₁₂ ,99%)	*C ₁₂ H ₈ Cl ₆ O	100 µg/mL in Nonane	1.2 mL
	ULM-7444-1.2	Endrin (unlabeled)	C ₁₂ H ₈ Cl ₆ O	100 µg/mL in Nonane	1.2 mL
	CLM-4815-50	Endrin aldehyde (¹³ C ₁₂ ,99%)	*C ₁₀ C ₂ H ₁₀ Cl ₆ O	Neat	50 µg
	CLM-4816-50	Endrin ketone (¹³ C ₁₂ ,99%)	*C ₁₀ C ₂ H ₈ Cl ₆ O	Neat	50 µg
	CLM-4759-1.2	Heptachlor (¹³ C ₁₀ ,99%)	*C ₁₀ H ₅ Cl ₇	100 µg/mL in Nonane	1.2 mL
	ULM-2424-1.2	Heptachlor (unlabeled)	C ₁₀ H ₅ Cl ₇	100 µg/mL in Nonane	1.2 mL
	CLM-4734-1.2	cis-Heptachlor epoxide (B isomer) (¹³ C ₁₀ ,99%)	*C ₁₀ H ₅ Cl ₇ O	100 µg/mL in Nonane	1.2 mL
	ULM-2425-1.2	cis-Heptachlor epoxide (B isomer) (unlabeled)	C ₁₀ H ₅ Cl ₇ O	100 µg/mL in Nonane	1.2 mL
NEW	ULM-7869-1.2	trans-Heptachlor epoxide (A isomer) (unlabeled)	C ₁₀ H ₅ Cl ₇ O	100 µg/mL in Nonane	1.2 mL
	CLM-4727-1.2	Isodrin (¹³ C ₁₂ ,99%)	*C ₁₂ H ₈ Cl ₆	100 µg/mL in Nonane	1.2 mL
	ULM-7442-1.2	Isodrin (unlabeled)	C ₁₂ H ₈ Cl ₆	100 µg/mL in Nonane	1.2 mL
	CLM-4814-1.2	Kepone (Chlordecone) (¹³ C ₁₀ ,99%)	*C ₁₀ Cl ₁₀ O	100 µg/mL in Nonane	1.2 mL
	ULM-2301-1.2	Kepone (Chlordecone) (unlabeled)	C ₁₀ Cl ₁₀ O	100 µg/mL in Nonane	1.2 mL
	CLM-4813-1.2	Mirex (¹³ C ₁₀ ,99%)	*C ₁₀ Cl ₁₂	100 µg/mL in Nonane	1.2 mL
	ULM-2427-1.2	Mirex (unlabeled)	C ₁₀ Cl ₁₂	100 µg/mL in Nonane	1.2 mL
	ULM-2427-SM-1.2	Mirex (unlabeled)	C ₁₀ Cl ₁₂	100 µg/mL in Methanol	1.2 mL
	CLM-4811-1.2	cis-Nonachlor (¹³ C ₁₀ ,99%)	*C ₁₀ H ₅ Cl ₉	100 µg/mL in Nonane	1.2 mL
	ULM-7445-1.2	cis-Nonachlor (unlabeled)	C ₁₀ H ₅ Cl ₉	100 µg/mL in Nonane	1.2 mL
	CLM-4735-1.2	trans-Nonachlor (¹³ C ₁₀ ,99%)	*C ₁₀ H ₅ Cl ₉	100 µg/mL in Nonane	1.2 mL
	ULM-7229-1.2	trans-Nonachlor (unlabeled)	C ₁₀ H ₅ Cl ₉	100 µg/mL in Nonane	1.2 mL
	CLM-4729-1.2	Oxychlordane (¹³ C ₁₀ ,99%)	*C ₁₀ H ₄ Cl ₈ O	100 µg/mL in Nonane	1.2 mL
	ULM-6139-1.2	Oxychlordane (unlabeled)	C ₁₀ H ₄ Cl ₈ O	100 µg/mL in Nonane	1.2 mL
	ULM-6139-SM-1.2	Oxychlordane (unlabeled)	C ₁₀ H ₄ Cl ₈ O	100 µg/mL in Methanol	1.2 mL

NOTE: Some standards also available in less than uniformly labeled forms. Please inquire if interested.

Organochlorine (OC) Pesticide and Metabolite Standards

Catalog #	Compound	Formula	Concentration	Amount
CLM-4725-1.2	Aldrin (¹³ C ₁₂ ,99%)	*C ₁₂ H ₈ Cl ₆	100 µg/mL in Nonane	1.2 mL
ULM-7441-1.2	Aldrin (unlabeled)	C ₁₂ H ₈ Cl ₆	100 µg/mL in Nonane	1.2 mL
CLM-2482-1.2	α-BHC (α-HCH) (¹³ C ₆ ,99%)	*C ₆ H ₆ Cl ₆	100 µg/mL in Nonane	1.2 mL
ULM-7232-1.2	α-BHC (α-HCH) (unlabeled)	C ₆ H ₆ Cl ₆	100 µg/mL in Nonane	1.2 mL
CLM-3623-1.2	β-BHC (β-HCH) (¹³ C ₆ ,99%)	*C ₆ H ₆ Cl ₆	50 µg/mL in Nonane	2 x 1.2 mL
ULM-6132-1.2	β-BHC (β-HCH) (unlabeled)	C ₆ H ₆ Cl ₆	50 µg/mL in Nonane	2 x 1.2 mL
ULM-6132-SM-1.2	β-BHC (β-HCH) (unlabeled)	C ₆ H ₆ Cl ₆	100 µg/mL in Methanol	1.2 mL
CDLM-624-1.2	γ-BHC (γ-HCH) (Lindane) (¹³ C ₆ ,99%;D ₆ ,99%)	*C ₆ H ₆ Cl ₆	100 µg/mL in Nonane	1.2 mL
CLM-1282-1.2	γ-BHC (γ-HCH) (Lindane) (¹³ C ₆ ,99%)	*C ₆ H ₆ Cl ₆	100 µg/mL in Nonane	1.2 mL
ULM-6133-1.2	γ-BHC (γ-HCH) (Lindane) (unlabeled)	C ₆ H ₆ Cl ₆	100 µg/mL in Nonane	1.2 mL
ULM-6133-SM-1.2	γ-BHC (γ-HCH) (Lindane) (unlabeled)	C ₆ H ₆ Cl ₆	100 µg/mL in Methanol	1.2 mL
CLM-3648-1.2	δ-BHC (δ-HCH) (¹³ C ₆ ,99%)	*C ₆ H ₆ Cl ₆	100 µg/mL in Nonane	1.2 mL
ULM-7233-1.2	δ-BHC (δ-HCH) (unlabeled)	C ₆ H ₆ Cl ₆	100 µg/mL in Nonane	1.2 mL
NEW CLM-8087-1.2	cis-Chlordane (α) (¹³ C ₁₀ ,99%)	*C ₁₀ H ₆ Cl ₈	100 µg/mL in Nonane	1.2 mL
ULM-2419-25	cis-Chlordane (α) (unlabeled)	C ₁₀ H ₆ Cl ₈	Neat	25 mg
CLM-4792-1.2	trans-Chlordane (γ) (¹³ C ₁₀ ,99%)	*C ₁₀ H ₆ Cl ₈	100 µg/mL in Nonane	1.2 mL
ULM-2420-25	trans-Chlordane (γ) (unlabeled)	C ₁₀ H ₆ Cl ₈	Neat	25 mg
NEW CLM-4814-1.2	Chlordecone (Kepone) (¹³ C ₁₀ ,99%)	*C ₁₀ Cl ₁₀ O	100 µg/mL in Nonane	1.2 mL
NEW ULM-2301-1.2	Chlordecone (Kepone) (unlabeled)	C ₁₀ Cl ₁₀ O	100 µg/mL in Nonane	1.2 mL
NEW ULM-2301-0.1	Chlordecone (Kepone) (unlabeled)	C ₁₀ Cl ₁₀ O	Neat	0.1 g
CLM-4758-1.2	Chlordene (¹³ C ₁₀ ,99%)	*C ₁₀ H ₆ Cl ₆	100 µg/mL in Nonane	1.2 mL
ULM-7443-1.2	Chlordene (unlabeled)	C ₁₀ H ₆ Cl ₆	100 µg/mL in Nonane	1.2 mL
CLM-6999-1.2	2,4'-DDD (ring- ¹³ C ₁₂ ,99%) [(o,p'-Dichlorodiphenyl) dichloroethane]	*C ₁₂ C ₂ H ₁₀ Cl ₄	50 µg/mL in Nonane	1.2 mL
ULM-7450-1.2	2,4'-DDD (unlabeled) [(o,p'-Dichlorodiphenyl) dichloroethane]	C ₁₄ H ₁₀ Cl ₄	50 µg/mL in Nonane	1.2 mL
CLM-7100-1.2	4,4'-DDD (ring- ¹³ C ₁₂ ,99%) [(p,p'-Dichlorodiphenyl) dichloroethane]	*C ₁₂ C ₂ H ₁₀ Cl ₄	100 µg/mL in Nonane	1.2 mL
DLM-3533-1.2	4,4'-DDD (ring-D ₈ ,98%) [(p,p'-Dichlorodiphenyl) dichloroethane]	C ₁₄ D ₈ H ₂ Cl ₄	100 µg/mL in Nonane	1.2 mL
ULM-7216-1.2	4,4'-DDD (unlabeled) [(p,p'-Dichlorodiphenyl) dichloroethane]	C ₁₄ H ₁₀ Cl ₄	100 µg/mL in Nonane	1.2 mL
CLM-4693-1.2	2,4'-DDE (ring- ¹³ C ₁₂ ,99%) [(o,p'-Dichlorodiphenyl) dichloroethylene]	(Cl*C ₆ H ₄) ₂ C=CCl ₂	100 µg/mL in Nonane	1.2 mL
ULM-6251-1.2	2,4'-DDE (unlabeled) [(o,p'-Dichlorodiphenyl) dichloroethylene]	C ₁₄ H ₈ Cl ₄	100 µg/mL in Nonane	1.2 mL
CLM-1627-1.2	4,4',-DDE (ring- ¹³ C ₁₂ ,99%) [(p,p'-Dichlorodiphenyl) dichloroethylene]	(Cl*C ₆ H ₄) ₂ C=CCl ₂	100 µg/mL in Nonane	1.2 mL
CLM-1627-5	4,4',-DDE (ring- ¹³ C ₁₂ ,99%) [(p,p'-Dichlorodiphenyl) dichloroethylene]	(Cl*C ₆ H ₄) ₂ C=CCl ₂	Neat	5 mg
ULM-6137-1.2	4,4'-DDE (unlabeled) [(p,p'-Dichlorodiphenyl) dichloroethylene]	(ClC ₆ H ₄) ₂ C=CCl ₂	100 µg/mL in Nonane	1.2 mL
CLM-4692-1.2	2,4'-DDT (ring- ¹³ C ₁₂ ,99%) [(o,p'-Dichlorodiphenyl) trichloroethane]	(Cl*C ₆ H ₄) ₂ CHCCl ₃	100 µg/mL in Nonane	1.2 mL
ULM-6134-1.2	2,4'-DDT (unlabeled) [(o,p'-Dichlorodiphenyl) trichloroethane]	ClC ₆ H ₄ CH(CCl ₃)C ₆ H ₄ Cl	100 µg/mL in Nonane	1.2 mL
CLM-1281-1.2	4,4',-DDT (ring- ¹³ C ₁₂ ,99%) [(p,p'-Dichlorodiphenyl) trichloroethane]	(Cl*C ₆ H ₄) ₂ CHCCl ₃	100 µg/mL in Nonane	1.2 mL
CLM-1281-5	4,4',-DDT (ring- ¹³ C ₁₂ ,99%) [(p,p'-Dichlorodiphenyl) trichloroethane]	(Cl*C ₆ H ₄) ₂ CHCCl ₃	Neat	5 mg
ULM-6135-1.2	4,4',-DDT (unlabeled) [(p,p'-Dichlorodiphenyl) trichloroethane]	(ClC ₆ H ₄) ₂ CHCCl ₃	100 µg/mL in Nonane	1.2 mL

Organochlorine (OC) Pesticide and Metabolite Standards

Catalog #	Compound	Formula	Concentration	Amount
CLM-816-1.2	2,6-Dichloro-4-nitroaniline (Dicloran) (ring- ¹³ C ₆ ,99%)	Cl ₂ *C ₆ H ₂ (NO ₂)NH ₂	100 µg/mL in Nonane	1.2 mL
CLM-4726-1.2	Dieldrin (¹³C₁₂,99%)	*C ₁₂ H ₈ Cl ₆ O	100 µg/mL in Nonane	1.2 mL
ULM-7230-1.2	Dieldrin (unlabeled)	C ₁₂ H ₈ Cl ₆ O	100 µg/mL in Nonane	1.2 mL
CLM-6025-1.2	Endosulfan I (¹³C₉,99%)	*C ₉ H ₆ Cl ₆ O ₃ S	100 µg/mL in Nonane	1.2 mL
DLM-2862-1.2	Endosulfan I (D₄,97%)	C ₉ D ₄ H ₂ Cl ₆ O ₃ S	100 µg/mL in Nonane	1.2 mL
ULM-7447-1.2	Endosulfan I (unlabeled)	C ₉ H ₆ Cl ₆ O ₃ S	100 µg/mL in Nonane	1.2 mL
CLM-6026-1.2	Endosulfan II (¹³C₉,99%)	*C ₉ H ₆ Cl ₆ O ₃ S	100 µg/mL in Nonane	1.2 mL
ULM-7448-1.2	Endosulfan II (unlabeled)	C ₉ H ₆ Cl ₆ O ₃ S	100 µg/mL in Nonane	1.2 mL
NEW CLM-7531-1.2	Endosulfan sulfate (¹³C₉,99%)	*C ₉ H ₆ Cl ₆ O ₄ S	100 µg/mL in Nonane	1.2 mL
NEW ULM-7990-1.2	Endosulfan sulfate (unlabeled)	C ₉ H ₆ Cl ₆ O ₄ S	100 µg/mL in Nonane	1.2 mL
CLM-4782-1.2	Endrin (¹³C₁₂,99%)	*C ₁₂ H ₈ Cl ₆ O	100 µg/mL in Nonane	1.2 mL
ULM-7444-1.2	Endrin (unlabeled)	C ₁₂ H ₈ Cl ₆ O	100 µg/mL in Nonane	1.2 mL
CLM-4815-50	Endrin aldehyde (¹³C₁₂,99%)	*C ₁₀ C ₂ H ₁₀ Cl ₆ O	Neat	50 µg
CLM-4816-50	Endrin ketone (¹³C₁₂,99%)	*C ₁₀ C ₂ H ₈ Cl ₆ O	Neat	50 µg
CLM-4759-1.2	Heptachlor (¹³C₁₀,99%)	*C ₁₀ H ₅ Cl ₇	100 µg/mL in Nonane	1.2 mL
ULM-2424-1.2	Heptachlor (unlabeled)	C ₁₀ H ₅ Cl ₇	100 µg/mL in Nonane	1.2 mL
ULM-2424-0.1	Heptachlor (unlabeled)	C ₁₀ H ₅ Cl ₇	Neat	0.1 g
CLM-4734-1.2	cis-Heptachlor epoxide (B isomer) (¹³ C ₁₀ ,99%)	*C ₁₀ H ₅ Cl ₇ O	100 µg/mL in Nonane	1.2 mL
ULM-2425-1.2	cis-Heptachlor epoxide (B isomer) (unlabeled)	C ₁₀ H ₅ Cl ₇ O	100 µg/mL in Nonane	1.2 mL
ULM-2425-0.1	cis-Heptachlor epoxide (B isomer) (unlabeled)	C ₁₀ H ₅ Cl ₇ O	Neat	0.1 g
NEW ULM-7869-1.2	trans-Heptachlor epoxide (A isomer) (unlabeled)	C ₁₀ H ₅ Cl ₇ O	100 µg/mL in Nonane	1.2 mL
CLM-351-1.2	Hexachlorobenzene (¹³C₆,99%)	*C ₆ Cl ₆	100 µg/mL in Nonane	1.2 mL
ULM-6130-1.2	Hexachlorobenzene (unlabeled)	C ₆ Cl ₆	100 µg/mL in Nonane	1.2 mL
CLM-4727-1.2	Isodrin (¹³C₁₂,99%)	*C ₁₂ H ₈ Cl ₆	100 µg/mL in Nonane	1.2 mL
ULM-7442-1.2	Isodrin (unlabeled)	C ₁₂ H ₈ Cl ₆	100 µg/mL in Nonane	1.2 mL
CLM-4814-1.2	Kepone (Chlordecone) (¹³C₁₀,99%)	*C ₁₀ Cl ₁₀ O	100 µg/mL in Nonane	1.2 mL
ULM-2301-1.2	Kepone (Chlordecone) (unlabeled)	C ₁₀ Cl ₁₀ O	100 µg/mL in Nonane	1.2 mL
ULM-2301-0.1	Kepone (Chlordecone) (unlabeled)	C ₁₀ Cl ₁₀ O	Neat	0.1 g
CLM-4683-1.2	Methoxychlor (ring-¹³C₁₂,99%)	(*C ₆ OC) ₂ C ₂ Cl ₃	100 µg/mL in Nonane	1.2 mL
ULM-7440-1.2	Methoxychlor (unlabeled)	(CH ₃ OC ₆ H ₄) ₂ CHCCl ₃	100 µg/mL in Nonane	1.2 mL
CLM-4813-1.2	Mirex (¹³C₁₀,99%)	*C ₁₀ Cl ₁₂	100 µg/mL in Nonane	1.2 mL
CLM-2078-1	Mirex (¹³C₈,99%)	*C ₈ C ₂ Cl ₁₂	100 µg/mL in Toluene	1 mL
ULM-2427-1.2	Mirex (unlabeled)	C ₁₀ Cl ₁₂	100 µg/mL in Nonane	1.2 mL
ULM-2427-SM-1.2	Mirex (unlabeled)	C ₁₀ Cl ₁₂	100 µg/mL in Methanol	1.2 mL
ULM-2427-0.1	Mirex (unlabeled)	C ₁₀ Cl ₁₂	Neat	0.1 g
CLM-4811-1.2	cis-Nonachlor (¹³C₁₀,99%)	*C ₁₀ H ₅ Cl ₉	100 µg/mL in Nonane	1.2 mL
ULM-7445-1.2	cis-Nonachlor (unlabeled)	*C ₁₀ H ₅ Cl ₉	100 µg/mL in Nonane	1.2 mL
CLM-4735-1.2	trans-Nonachlor (¹³C₁₀,99%)	*C ₁₀ H ₅ Cl ₉	100 µg/mL in Nonane	1.2 mL
ULM-7229-1.2	trans-Nonachlor (unlabeled)	*C ₁₀ H ₅ Cl ₉	100 µg/mL in Nonane	1.2 mL
CLM-4729-1.2	Oxychlordane (¹³C₁₀,99%)	*C ₁₀ H ₄ Cl ₈ O	100 µg/mL in Nonane	1.2 mL
ULM-6139-1.2	Oxychlordane (unlabeled)	C ₁₀ H ₄ Cl ₈ O	100 µg/mL in Nonane	1.2 mL
ULM-6139-SM-1.2	Oxychlordane (unlabeled)	C ₁₀ H ₄ Cl ₈ O	100 µg/mL in Methanol	1.2 mL

Organophosphate (OP) Pesticide and Metabolite Standards

Catalog #	Compound	Formula	Concentration	Amount
DLM-6000-1.2	Acephate (D ₆ ,98%)	C ₄ D ₆ H ₄ NO ₃ PS	100 µg/mL in	1.2 mL
ULM-7263-1.2	Acephate (unlabeled)	C ₄ H ₁₀ NO ₃ PS	100 µg/mL in Acetonitrile	1.2 mL
CDNLM-6786-1.2	Aminomethylphosphonic acid (AMPA) (¹³ C, _{99%} ; ¹⁵ N, _{98%} , methylene-D ₂ ,98%)	*CH ₄ D ₂ *NO ₃ P	100 µg/mL in H ₂ O	1.2 mL
NEW DLM-7152	Bensulide (isopropoxy-D ₁₄ ,98%)	C ₁₄ D ₁₄ H ₁₀ NO ₄ PS ₃		Inquire
DLM-4360-1.2	Chlorpyrifos (diethyl-D ₁₀ ,99%)	C ₉ D ₁₀ HCl ₃ NO ₃ PS	100 µg/mL in Nonane	1.2 mL
NEW ULM-7489-1.2	Chlorpyrifos (unlabeled)	C ₉ H ₁₁ Cl ₃ NO ₃ PS	100 µg/mL in Nonane	1.2 mL
NEW DLM-7153	Chlorpyrifos methyl (dimethyl-D ₆ ,98%)	C ₇ HCl ₃ D ₆ NO ₃ PS		Inquire
ERC-034	Cyclohexyl methylphosphonic acid (unlabeled)	C ₇ H ₁₅ O ₃ P	1000 µg/mL in Methanol	1.2 mL
DLM-1148-1.2	Diazinon (diethyl-D ₁₀ ,98%)	C ₁₂ H ₁₁ D ₁₀ N ₂ O ₃ PS	100 µg/mL in Nonane	1.2 mL
ULM-6575-S-10X-1.2	Diazinon (unlabeled)	C ₁₂ H ₂₁ N ₂ O ₃ PS	1000 µg/mL in Nonane	1.2 mL
DLM-2829-0.01	Dichlorvos (dimethyl-D ₆ ,98%)	C ₄ D ₆ HCl ₂ O ₄ P	Neat	10 mg
ULM-7217-1.2	Dichlorvos (unlabeled)	(H ₃ CO) ₂ POOCH=CCl ₂	100 µg/mL in Nonane	1.2 mL
ERD-117	O,O-Diethyl dithiophosphate, potassium salt (unlabeled)	C ₄ H ₁₁ KO ₂ PS ₂	1000 µg/mL in Methanol	1.2 mL
NEW ERD-155	O,O-Dimethyl dithiophosphate, sodium salt (unlabeled)	C ₂ H ₆ NaO ₂ PS ₂	1000 µg/mL in Methanol	1.2 mL
ERD-118	Diethyl phosphate (unlabeled)	C ₄ H ₁₀ O ₄ P	1000 µg/mL in Methanol	1.2 mL
DLM-4852-1.2	O,O-Diethyl thiophosphate, potassium salt (diethyl-D ₁₀ ,98%)	C ₄ D ₁₀ KO ₃ PS	100 µg/mL in Methanol	1.2 mL
ERD-119	O,O-Diethyl thiophosphate, potassium salt (unlabeled)	C ₄ H ₁₁ KO ₃ PS	1000 µg/mL in Methanol	1.2 mL
ERD-086	Diisopropyl methylphosphonate (D ₁₄ ,98%)	C ₇ H ₃ D ₁₄ O ₃ P	1000 µg/mL in Methanol	1.2 mL
ERD-083	Diisopropyl methylphosphonate (unlabeled)	C ₇ H ₁₇ O ₃ P	1000 µg/mL in Methanol	1.2 mL
NEW DLM-7151-1.2	Dimethoate (O,O-dimethyl-D ₆ ,98%)	C ₅ D ₆ H ₆ NO ₃ PS ₂	100 µg/mL in Acetonitrile	1.2 mL
NEW ULM-7972-1.2	Dimethoate (unlabeled)	C ₅ H ₁₂ NO ₃ PS ₂	100 µg/mL in Acetonitrile	1.2 mL
ERD-121	Dimethyl phosphate (unlabeled)	(CH ₃ O) ₂ P(O)OH	1000 µg/mL in Methanol	1.2 mL
ULM-4617-1.2	O,O-Dimethyl thiophosphate (unlabeled)	C ₂ H ₆ NaO ₃ PS	1000 µg/mL in Methanol	1.2 mL
ULM-6089	O,S-Dimethyl thiophosphate, sodium salt (unlabeled)	C ₂ H ₆ NaO ₃ PS		Inquire
NEW DLM-7183	Disulfoton (O,O-diethyl-D ₁₀ ,98%)	C ₈ D ₁₀ H ₉ O ₂ PS ₃		Inquire
CLM-6090	Ethyl dimethylamidophosphate, sodium salt (¹³ C, _{99%})	*C ₄ H ₁₁ NPO ₃ Na		Inquire
ULM-6091-1.2	Ethyl dimethylamidophosphate, sodium salt (unlabeled)	C ₄ H ₁₁ NO ₃ PNa	1000 µg/mL in Methanol	1.2 mL
DLM-6098-1.2	Ethyl methylphosphonate (ethyl-D ₅ ,98%)	C ₃ H ₄ D ₅ O ₃ P	100 µg/mL in Methanol	1.2 mL
ERE-024	Ethyl methylphosphonic acid (unlabeled)	C ₃ H ₉ O ₃ P	1000 µg/mL in Methanol	1.2 mL
DLM-2878-0.01	Fenitrothion (O,O-dimethyl-D ₆ ,98%)	C ₉ D ₆ H ₆ NO ₃ PS	Neat	10 mg
CLM-4545-1.2	Fonofos (ring- ¹³ C, _{99%})	*C ₆ C ₄ H ₁₅ OPS ₂	100 µg/mL in Nonane	1.2 mL
ULM-6694-1.2	Fonofos (unlabeled)	CH ₂ CH ₃ P(S)(OCH ₂ CH ₃)(SC ₆ H ₅)	100 µg/mL in Nonane	1.2 mL
CNLM-4666-1.2	Glyphosate (2- ¹³ C, _{99%} ; ¹⁵ N, ₉₈₊ %)	HOO*CCH ₂ *NHCH ₂ PO(OH) ₂	100 µg/mL in Water	1.2 mL
NEW CNLM-4666-10	Glyphosate (2- ¹³ C, _{99%} ; ¹⁵ N, ₉₈₊ %)	HOO*CCH ₂ *NHCH ₂ PO(OH) ₂	100 µg/mL in Water	10 mL
ULM-6876-1.2	Glyphosate (unlabeled)		100 µg/mL in Water	1.2 mL

Organophosphate (OP) Pesticide and Metabolite Standards

	Catalog #	Compound	Formula	Concentration	Amount
NEW	ERI-026	Isobutyl hydrogen methylphosphonate (unlabeled)	C ₅ H ₁₃ O ₃ P	1000 µg/mL in Methanol	1.2 mL
	ERI-015	Isopropyl methylphosphonic acid (unlabeled)	C ₄ H ₁₁ O ₃ P	1000 µg/mL in Methanol	1.2 mL
	DLM-4476-1.2	Malathion (D ₁₀ ,99%)	C ₁₀ D ₁₀ H ₉ O ₆ PS ₂	100 µg/mL in Nonane	1.2 mL
NEW	ULM-8122-1.2	Malathion (unlabeled)	C ₁₀ H ₁₅ O ₆ PS ₂	100 µg/mL in Nonane	1.2 mL
NEW	DLM-7149	Methamidophos (dimethyl-D ₆ ,98%)	C ₂ D ₆ H ₂ NO ₂ PS		Inquire
	DLM-6196-1.2	Methylphosphonic acid (methyl-D ₃ , 98%)	CD ₃ H ₂ O ₃ P	100 µg/mL in Methanol	1.2 mL
	CDLM-6100-1.2	Methylphosphonic acid (¹³ C,99%;methyl-D ₃ ,98%)	*CD ₃ H ₂ O ₃ P	100 µg/mL in Methanol	1.2 mL
	ERM-038	Methylphosphonic acid (unlabeled)	CH ₃ P(O)(OH) ₂	1000 µg/mL in Methanol	1.2 mL
NEW	DLM-7150-1.2	Oxydemeton methyl (O,O-dimethyl-D ₆ ,98%)	C ₆ D ₆ H ₉ O ₄ PS ₂	100 µg/mL in Acetonitrile	1.2 mL
NEW	ULM-8579-1.2	Oxydemeton methyl (unlabeled)	C ₆ H ₁₅ O ₄ PS ₂	100 µg/mL in Acetonitrile	1.2 mL
	DLM-2970-1.2	Parathion (diethyl-D ₁₀ ,98%)	NO ₂ (C ₆ H ₄)OP(=S)(OC ₂ D ₅) ₂	100 µg/mL in Nonane	1.2 mL
NEW	ULM-8144-1.2	Parathion (unlabeled)	NO ₂ (C ₆ H ₄)OP(=S)(OC ₂ H ₅) ₂	100 µg/mL in Nonane	1.2 mL
NEW	CLM-4544-1.2	Phorate (diethoxy- ¹³ C ₄ ,99%)	(*C ₂ H ₅ O) ₂ P(S)SCH ₂ SC ₂ H ₅	100 µg/mL in Acetonitrile	1.2 mL
NEW	ULM-7567-1.2	Phorate (unlabeled)	(C ₂ H ₅ O) ₂ P(S)SCH ₂ SC ₂ H ₅	100 µg/mL in Acetonitrile	1.2 mL
	DLM-4667-1.2	Phosmet (dimethyl-D ₆ ,98%)	C ₁₁ D ₆ H ₆ NO ₄ PS ₂	100 µg/mL in Acetonitrile	1.2 mL
NEW	ULM-8454-1.2	Phosmet (unlabeled)	C ₁₁ H ₁₂ NO ₄ PS ₂	100 µg/mL in Acetonitrile	1.2 mL
	ERP-083	Pinacolyl methylphosphonic acid (unlabeled)	C ₇ H ₁₇ O ₃ P	1000 µg/mL in Methanol	1.2 mL
	CLM-4543	Terbufos (diethoxy- ¹³ C ₄ ,99%)	C(CH ₃) ₃ SCH ₂ SP(S)(O*CH ₂ *CH ₃) ₂		Inquire
	CLM-6620-1.2	1,2,2-Trimethylpropyl hydrogen methylphosphonate (trimethylpropyl- ¹³ C ₆ ,99%)	*C ₆ CH ₁₇ O ₃ P	100 µg/mL in Methanol	1.2 mL

Carbamate Pesticide and Metabolite Standards

	Catalog #	Compound	Formula	Concentration	Amount
NEW	CLM-7140	Bendiocarb (¹³ C ₃ ,99%)	*C ₃ C ₈ H ₁₃ NO ₄		Inquire
NEW	ULM-8638	Bendiocarb (unlabeled)	C ₁₁ H ₁₃ NO ₄		Inquire
	CLM-4682-1.2	Carbaryl (ring- ¹³ C ₆ ,99%)	*C ₆ C ₆ H ₁₁ NO ₂	100 µg/mL in Nonane	1.2 mL
NEW	ULM-8096-1.2	Carbaryl (unlabeled)	C ₁₀ H ₇ CO ₂ NHCH ₃	100 µg/mL in Nonane	1.2 mL
	CLM-1911-1.2	Carbofuran (ring- ¹³ C ₆ ,99%)	*C ₆ C ₆ H ₁₅ NO ₃	100 µg/mL in <i>p</i> -Dioxane	1.2 mL
NEW	ULM-7419-1.2	Carbofuran (unlabeled)	C ₁₂ H ₁₅ NO ₃	100 µg/mL in <i>p</i> -Dioxane	1.2 mL
NEW	CLM-1859-1.2	Carbofuran phenol (ring- ¹³ C ₆ ,98%)	*C ₆ C ₄ H ₁₂ O ₂	200 µg/mL in Nonane	1.2 mL
	ULM-6875-1.2	Carbofuran phenol (unlabeled)	C ₁₀ H ₁₂ O ₂	200 µg/mL in Nonane	1.2 mL
NEW	CNLM-7148-1.2	Methomyl (acetohydroxamate- ¹³ C ₂ ,99%; ¹⁵ N 98%)	*C ₂ C ₃ H ₁₀ N*NO ₂ S	100 µg/mL in Methanol	1.2 mL
NEW	ULM-8639-1.2	Methomyl (unlabeled)	C ₅ H ₁₀ NNO ₂ S	100 µg/mL in Methanol	1.2 mL
NEW	DLM-7141	Propoxur (isopropyl-D ₇ ,98%)	C ₁₁ D ₇ H ₈ NO ₃		Inquire

Pyrethroid Pesticide and Metabolite Standards

	CLM-7293-1.2	Cyfluthrin (mix of stereoisomers) (phenoxy- ¹³ C ₆ ,99%)	*C ₆ C ₁₆ H ₁₉ Cl ₂ NO ₃	100 µg/mL in Nonane	1.2 mL
NEW	ULM-7454-1.2	Cyfluthrin (mix of stereoisomers) (unlabeled)	C ₂₂ H ₁₈ Cl ₂ FNO ₃	100 µg/mL in Nonane	1.2 mL
	CLM-7292-1.2	Cypermethrin (mix of stereoisomers) (phenoxy- ¹³ C ₆ ,99%)	*C ₆ C ₁₆ Cl ₂ NO ₃	100 µg/mL in Nonane	1.2 mL
NEW	ULM-7453-1.2	Cypermethrin (mix of stereoisomers) (unlabeled)	C ₂₂ H ₁₉ Cl ₂ NO ₃	100 µg/mL in Nonane	1.2 mL
NEW	CDLM-6002-1.2	DCCA (3-(2,2-Dichlorovinyl)-2,2-dimethyl-1-cyclopropane carboxylic acid) (carboxyl- ¹³ C ₂ ,99%;1-D,98%)	*C ₂ C ₆ H ₃ DCl ₂ O ₂	100 µg/mL in Acetonitrile-D ₃	1.2 mL
NEW	ULM-7303-1.2	DCCA (3-(2,2-Dichlorovinyl)-2,2-dimethyl-1-cyclopropane carboxylic acid) (unlabeled)	C ₈ H ₉ HCl ₂ O ₂	100 µg/mL in Acetonitrile	1.2 mL
NEW	CLM-7389-1.2	4-Fluoro-3-phenoxybenzoic acid (¹³ C ₆ ,99%)	*C ₆ C ₇ H ₉ FO ₃	100 µg/mL in Acetonitrile	1.2 mL
NEW	ULM-7391-1.2	4-Fluoro-3-phenoxybenzoic acid (unlabeled)	C ₁₃ H ₉ FO ₃	100 µg/mL in Acetonitrile	1.2 mL
	CLM-7322-1.2	<i>cis</i> -Permethrin (phenoxy- ¹³ C ₆ ,99%)	*C ₆ H ₅ OC ₆ H ₄ CH ₂ CO ₂ C ₇ H ₉ Cl ₂ O ₃	50 µg/mL in Nonane	1.2 mL
NEW	ULM-8526-1.2	<i>cis</i> -Permethrin (unlabeled)	C ₆ H ₅ OC ₆ H ₄ CH ₂ CO ₂ C ₇ H ₉ Cl ₂ O ₃	50 µg/mL in Nonane	1.2 mL
	CLM-7323-1.2	<i>trans</i> -Permethrin (phenoxy- ¹³ C ₆ ,99%)	*C ₆ H ₅ OC ₆ H ₄ CH ₂ CO ₂ C ₇ H ₉ Cl ₂ O ₃	50 µg/mL in Nonane	1.2 mL
NEW	ULM-8527-1.2	<i>trans</i> -Permethrin (unlabeled)	C ₆ H ₅ OC ₆ H ₄ CH ₂ CO ₂ C ₇ H ₉ Cl ₂ O ₃	50 µg/mL in Nonane	1.2 mL
NEW	CLM-4542-1.2	3-Phenoxybenzoic acid (phenoxy- ¹³ C ₆ ,99%)	*C ₆ H ₅ OC ₆ H ₄ CO ₂ H	100 µg/mL in Nonane	1.2 mL
NEW	CLM-4542-SA-1.2	3-Phenoxybenzoic acid (phenoxy- ¹³ C ₆ ,99%)	*C ₆ H ₅ OC ₆ H ₄ CO ₂ H	100 µg/mL in Acetonitrile	1.2 mL
NEW	ULM-6781-1.2	3-Phenoxybenzoic acid (unlabeled)	C ₆ H ₅ OC ₆ H ₄ CO ₂ H	100 µg/mL in Nonane	1.2 mL
NEW	ULM-6781-SA-1.2	3-Phenoxybenzoic acid (unlabeled)	C ₆ H ₅ OC ₆ H ₄ CO ₂ H	100 µg/mL in Acetonitrile	1.2 mL

Triazine Herbicide and Metabolite Standards

Catalog #	Compound	Formula	Concentration	Amount
CLM-3737-1.2	Atrazine (ring- ¹³ C ₃ ,99%)	(CH ₃) ₂ CHNH(*C ₃ N ₃ Cl)NHCH ₂ CH ₃	100 µg/mL in Nonane	1.2 mL
DLM-1149-1.2	Atrazine (ethylamine-D ₅ ,98%)	(CH ₃) ₂ CHNH(C ₃ N ₃ Cl)NHCD ₂ CD ₃	100 µg/mL in Nonane	1.2 mL
ULM-7235-1.2	Atrazine (unlabeled)	(CH ₃) ₂ CHNH(C ₃ N ₃ Cl)NHCH ₂ CH ₃	100 µg/mL in Nonane	1.2 mL
CLM-3894-1.2	Atrazine mercapturate (ring- ¹³ C ₃ ,99%)	*C ₃ C ₁₀ H ₂₂ N ₆ O ₃ S	100 µg/mL in Acetonitrile	1.2 mL
NEW ULM-7346-1.2	Atrazine mercapturate (unlabeled)	C ₁₃ H ₂₂ N ₆ O ₃ S	100 µg/mL in Acetonitrile	1.2 mL
NEW CLM-8311-1.2	Atrazinethiol (ring- ¹³ C ₃ ,99%)	(CH ₃ CH ₂ NH)*C ₃ N ₃ (SH)(NHCH(CH ₃) ₂)	100 µg/mL in Acetonitrile	1.2 mL
NEW ULM-8318-1.2	Atrazinethiol (unlabeled)	(CH ₃ CH ₂ NH)C ₃ N ₃ (SH)(NHCH(CH ₃) ₂)	100 µg/mL in Acetonitrile	1.2 mL
NEW CLM-8313-1.2	Desethylatrazine (ring- ¹³ C ₃ ,99%) (CP: 97%)	(CH ₃) ₂ CHNH(*C ₃ N ₃ Cl)NH ₂	100 µg/mL in Acetonitrile	1.2 mL
NEW ULM-8320-1.2	Desethylatrazine (unlabeled)	(CH ₃) ₂ CHNH(C ₃ N ₃ Cl)NH ₂	100 µg/mL in Acetonitrile	1.2 mL
CLM-7528-1.2	Desethyl desisopropyl atrazine (¹³ C ₃ ,99%) (CP: 95%)	*C ₃ H ₄ ClN ₅	100 µg/mL in Acetonitrile	1.2 mL
NEW ULM-8001-1.2	Desethyl desisopropyl atrazine (unlabeled)	C ₃ H ₄ ClN ₅	100 µg/mL in Acetonitrile	1.2 mL
NEW CLM-8316-1.2	Desethyl desisopropyl-hydroxyatrazine (Ammeline) (ring- ¹³ C ₃ ,99%)	NH ₂ (*C ₃ N ₃ OH)NH ₂	100 µg/mL in 80% H ₂ O/ 20% Diethylamine	1.2 mL
NEW ULM-8323-1.2	Desethyl desisopropyl-hydroxyatrazine (Ammeline) (unlabeled)	NH ₂ (C ₃ N ₃ OH)NH ₂	100 µg/mL in 80% H ₂ O/ 20% Diethylamine	1.2 mL
NEW CLM-8315-1.2	Desethylhydroxyatrazine (ring- ¹³ C ₃ ,99%)	(CH ₂ N)*C ₃ N ₃ (OH)(NHCH(CH ₃) ₂)	100 µg/mL in 80% Water/ 20% Diethylamine	1.2 mL
NEW ULM-8322-1.2	Desethylhydroxyatrazine (unlabeled)	(CH ₂ N)C ₃ N ₃ (OH)(NHCH(CH ₃) ₂)	100 µg/mL in 80% Water/ 20% Diethylamine	1.2 mL
NEW CLM-8312-1.2	Desisopropylatrazine (ring- ¹³ C ₃ ,99%)	CH ₃ CH ₂ NH(*C ₃ N ₃ Cl)NH ₂	100 µg/mL in Acetonitrile	1.2 mL
NEW ULM-8319-1.2	Desisopropylatrazine (unlabeled)	CH ₃ CH ₂ NH(C ₃ N ₃ Cl)NH ₂	100 µg/mL in Acetonitrile	1.2 mL
NEW CLM-8314-1.2	Desisopropylhydroxyatrazine (ring- ¹³ C ₃ ,99%)	(CH ₃ CH ₂ NH)*C ₃ N ₃ (OH)(NH ₂)	100 µg/mL in Acetonitrile	1.2 mL
NEW ULM-8321-1.2	Desisopropylhydroxyatrazine (unlabeled)	(CH ₃ CH ₂ NH)C ₃ N ₃ (OH)(NH ₂)	100 µg/mL in 80% Water/ 20% Diethylamine	1.2 mL
NEW CLM-8310-1.2	Hydroxyatrazine (ring- ¹³ C ₃ ,99%)	(CH ₃ CH ₂ NH)*C ₃ N ₃ (OH)(NHCH(CH ₃) ₂)	100 µg/mL in 80% Water/ 20% Diethylamine	1.2 mL
NEW ULM-8317-1.2	Hydroxyatrazine (unlabeled)	(CH ₃ CH ₂ NH)C ₃ N ₃ (OH)(NHCH(CH ₃) ₂)	100 µg/mL in 80% Water/ 20% Diethylamine	1.2 mL
CLM-3738-1.2	Propazine (ring- ¹³ C ₃ ,99%)	*C ₃ C ₆ H ₁₆ ClN ₅	100 µg/mL in Methanol	1.2 mL
CLM-3739-1.2	Simazine (ring- ¹³ C ₃ ,99%)	*C ₃ C ₆ H ₁₂ ClN ₅	100 µg/mL in Methanol	1.2 mL
NEW ULM-7893-1.2	Simazine (unlabeled)	C ₇ H ₁₂ ClN ₅	100 µg/mL in Methanol	1.2 mL

Toxaphene Standards

NEW CLM-7930-1.2	Parlar 26 (U- ¹³ C ₁₀ ,99%)	*C ₁₀ H ₁₀ Cl ₈	10 µg/mL in Nonane	1.2 mL
NEW ULM-7828-1.2	Parlar 26 (unlabeled)	C ₁₀ H ₁₀ Cl ₈	10 µg/mL in Nonane	1.2 mL
NEW CLM-8705-1.2	Parlar 32 (U- ¹³ C ₁₀ ,99%)	*C ₁₀ H ₁₁ Cl ₇	10 µg/mL in Nonane	1.2 mL
NEW ULM-8665-1.2	Parlar 32 (unlabeled)	C ₁₀ H ₁₁ Cl ₇	10 µg/mL in Nonane	1.2 mL
NEW CLM-8719-1.2	Parlar 39 (U- ¹³ C ₁₀ ,99%)	*C ₁₀ H ₁₁ Cl ₇	10 µg/mL in Nonane	1.2 mL
NEW ULM-8767-1.2	Parlar 39 (unlabeled)	C ₁₀ H ₁₁ Cl ₇	10 µg/mL in Nonane	1.2 mL
NEW CLM-7931-1.2	Parlar 50 (U- ¹³ C ₁₀ ,99%)	*C ₁₀ H ₉ Cl ₉	10 µg/mL in Nonane	1.2 mL
NEW ULM-7829-1.2	Parlar 50 (unlabeled)	C ₁₀ H ₉ Cl ₉	10 µg/mL in Nonane	1.2 mL
NEW CLM-7932-1.2	Parlar 62 (U- ¹³ C ₁₀ ,99%)	*C ₁₀ H ₉ Cl ₉	10 µg/mL in Nonane	1.2 mL
NEW ULM-7830-1.2	Parlar 62 (unlabeled)	C ₁₀ H ₉ Cl ₉	10 µg/mL in Nonane	1.2 mL
NEW CLM-8720-1.2	Parlar 69 (U- ¹³ C ₁₀ ,99%)	*C ₁₀ H ₉ Cl ₉	10 µg/mL in Nonane	1.2 mL
NEW ULM-8768-1.2	Parlar 69 (unlabeled)	C ₁₀ H ₉ Cl ₉	10 µg/mL in Nonane	1.2 mL
NEW CLM-8721-1.2	Parlar 70 (U- ¹³ C ₁₀ ,99%)	*C ₁₀ H ₉ Cl ₉	10 µg/mL in Nonane	1.2 mL
NEW ULM-8769-1.2	Parlar 70 (unlabeled)	C ₁₀ H ₉ Cl ₉	10 µg/mL in Nonane	1.2 mL

See page 211 for mixtures containing Toxaphene congeners.

Individual Pesticide and Pesticide Metabolite Standards

Catalog #	Compound	Formula	Concentration	Amount
DLM-6000-1.2	Acephate (D ₆ ,98%)	C ₄ D ₆ H ₄ NO ₃ PS	100 µg/mL in Acetonitrile-D ₃	1.2 mL
ULM-7263-1.2	Acephate (unlabeled)	C ₄ H ₁₀ NO ₃ PS	100 µg/mL in Acetonitrile	1.2 mL
CLM-3727-1.2	Alachlor (ring- ¹³ C ₆ ,99%) (CP: 96%)	*C ₆ C ₈ H ₂₀ ClNO ₂	100 µg/mL in Nonane	1.2 mL
NEW CLM-3687-1.2	Alachlor acetylcysteine adduct (ring- ¹³ C ₆ ,99%)	*C ₆ C ₁₃ H ₂₈ N ₂ O ₅ S	100 µg/mL in Acetonitrile	1.2 mL
CLM-4725-1.2	Aldrin (¹³ C ₁₂ ,99%)	*C ₁₂ H ₈ Cl ₆	100 µg/mL in Nonane	1.2 mL
ULM-7441-1.2	Aldrin (unlabeled)	C ₁₂ H ₈ Cl ₆	100 µg/mL in Nonane	1.2 mL
CLM-3737-1.2	Atrazine (ring- ¹³ C ₃ ,99%)	*C ₃ C ₅ H ₁₄ ClN ₅	100 µg/mL in Nonane	1.2 mL
DLM-1149-1.2	Atrazine (ethylamine-D ₅ ,98%)	C ₈ H ₉ D ₅ ClN ₅	100 µg/mL in Nonane	1.2 mL
DLM-1149-5	Atrazine (ethylamine-D ₅ ,98%)	C ₈ H ₉ D ₅ ClN ₅	Neat	5 mg
ULM-7235-1.2	Atrazine (unlabeled)	C ₈ H ₁₄ ClN ₅	100 µg/mL in Nonane	1.2 mL
CLM-3894-1.2	Atrazine mercapturate (ring- ¹³ C ₃ ,99%)	*C ₃ C ₁₀ H ₂₂ N ₆ O ₃ S	100 µg/mL in Acetonitrile	1.2 mL
NEW ULM-7346-1.2	Atrazine mercapturate (unlabeled)	C ₁₃ H ₂₂ N ₆ O ₃ S	100 µg/mL in Acetonitrile	1.2 mL
NEW CLM-8311-1.2	Atrazinethiol (ring- ¹³ C ₃ ,99%)	*C ₃ C ₅ H ₁₅ N ₅ S	100 µg/mL in Acetonitrile	1.2 mL
NEW ULM-8318-1.2	Atrazinethiol (unlabeled)	C ₈ H ₁₅ N ₅ S	100 µg/mL in Acetonitrile	1.2 mL
NEW CLM-7140	Bendiocarb (¹³ C ₃ ,99%)	*C ₃ C ₈ H ₁₃ NO ₄		Inquire
NEW DLM-7152	Bensulide (isopropoxy-D ₁₄ ,98%)	C ₁₄ D ₁₄ H ₁₀ NO ₄ PS ₃		Inquire
CLM-2482-1.2	α-BHC (α-HCH) (¹³ C ₆ ,99%)	*C ₆ H ₆ Cl ₆	100 µg/mL in Nonane	1.2 mL
ULM-7232-1.2	α-BHC (α-HCH) (unlabeled)	C ₆ H ₆ Cl ₆	100 µg/mL in Nonane	1.2 mL
CLM-3623-1.2	β-BHC (β-HCH) (¹³ C ₆ ,99%)	*C ₆ H ₆ Cl ₆	50 µg/mL in Nonane	2 x 1.2 mL
ULM-6132-1.2	β-BHC (β-HCH) (unlabeled)	C ₆ H ₆ Cl ₆	100 µg/mL in Nonane	2 x 1.2 mL
ULM-6132-SM-1.2	β-BHC (β-HCH) (unlabeled)	C ₆ H ₆ Cl ₆	100 µg/mL in Methanol	1.2 mL
CDLM-624-1.2	γ-BHC (γ-HCH) (Lindane) (¹³ C ₆ ,99%;D ₆ ,99%)	*C ₆ H ₆ Cl ₆	100 µg/mL in Nonane	1.2 mL
CLM-1282-1.2	γ-BHC (γ-HCH) (Lindane) (¹³ C ₆ ,99%)	*C ₆ H ₆ Cl ₆	100 µg/mL in Nonane	1.2 mL
ULM-6133-1.2	γ-BHC (γ-HCH) (Lindane) (unlabeled)	C ₆ H ₆ Cl ₆	100 µg/mL in Nonane	1.2 mL
ULM-6133-SM-1.2	γ-BHC (γ-HCH) (Lindane) (unlabeled)	C ₆ H ₆ Cl ₆	100 µg/mL in Methanol	1.2 mL
CLM-3648-1.2	δ-BHC (δ-HCH) (¹³ C ₆ ,99%)	*C ₆ H ₆ Cl ₆	100 µg/mL in Nonane	1.2 mL
ULM-7233-1.2	δ-BHC (δ-HCH) (unlabeled)	C ₆ H ₆ Cl ₆	100 µg/mL in Nonane	1.2 mL
CLM-3741-1.2	Bromoxynil (ring- ¹³ C ₆ ,99%)	*C ₆ CH ₃ Br ₂ NO	50 µg/mL in Nonane	2 x 1.2 mL
ULM-6205-1.2	Bromoxynil (unlabeled)	C ₇ H ₃ Br ₂ NO	50 µg/mL in Nonane	1.2 mL
CLM-4682-1.2	Carbaryl (ring- ¹³ C ₆ ,99%)	*C ₆ C ₆ H ₁₁ NO ₂	100 µg/mL in Nonane	1.2 mL
NEW ULM-8096-1.2	Carbaryl (unlabeled)	C ₁₀ H ₇ CO ₂ NHCH ₃	100 µg/mL in Nonane	1.2 mL
CLM-1911-1.2	Carbofuran (ring- ¹³ C ₆ ,99%)	*C ₆ C ₆ H ₁₅ NO ₃	100 µg/mL in 1,4-Dioxane	1.2 mL
ULM-7419-1.2	Carbofuran (unlabeled)	C ₁₂ H ₁₅ NO ₃	100 µg/mL in 1,4-Dioxane	1.2 mL
NEW CLM-1859-1.2	Carbofuran phenol (ring- ¹³ C ₆ ,98%)	*C ₆ C ₄ H ₁₂ O ₂	200 µg/mL in Methanol	1.2 mL
NEW ULM-6875-1.2	Carbofuran phenol (unlabeled)	C ₁₀ H ₁₂ O ₂	200 µg/mL in Nonane	1.2 mL
NEW CLM-8087-1.2	cis-Chlordane (α) (¹³ C ₁₀ ,99%)	*C ₁₀ H ₆ Cl ₈	100 µg/mL in Nonane	1.2 mL
ULM-2419-25	cis-Chlordane (α) (unlabeled)	C ₁₀ H ₆ Cl ₈	Neat	25 mg
CLM-4792-1.2	trans-Chlordane (γ) (¹³ C ₁₀ ,99%)	*C ₁₀ H ₆ Cl ₈	100 µg/mL in Nonane	1.2 mL
ULM-2420-25	trans-Chlordane (γ) (unlabeled)	C ₁₀ H ₆ Cl ₈	Neat	25 mg
NEW CLM-4814-1.2	Chlordecone (Kepone) (¹³ C ₁₀ ,99%)	*C ₁₀ Cl ₁₀ O	100 µg/mL in Nonane	1.2 mL
NEW ULM-2301-1.2	Chlordecone (Kepone) (unlabeled)	C ₁₀ Cl ₁₀ O	100 µg/mL in Nonane	1.2 mL
NEW ULM-2301-0.1	Chlordecone (Kepone) (unlabeled)	C ₁₀ Cl ₁₀ O	Neat	0.1 g
CLM-4758-1.2	Chlordene (¹³ C ₁₀ ,99%)	*C ₁₀ H ₆ Cl ₆	100 µg/mL in Nonane	1.2 mL
ULM-7443-1.2	Chlordene (unlabeled)	C ₁₀ H ₆ Cl ₆	100 µg/mL in Nonane	1.2 mL
NEW CLM-6759	4-Chloro-2-hydroxymethyl phenoxyacetic acid (HMCPA) (ring- ¹³ C ₆ , 99%)	ClOH*C ₆ H ₃ OCH ₂ CO ₂ H		Inquire
NEW CLM-6758	4-Chloro-2-methylphenoxyacetic acid (MCPA) (ring- ¹³ C ₆ , 99%)	ClCH ₃ *C ₆ H ₃ OCH ₂ CO ₂ H		Inquire

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	Catalog #	Compound	Formula	Concentration	Amount
NEW	CLM-1913-1.2	4-Chlorophenol (¹³ C ₆ ,99%)	*C ₆ H ₄ ClOH	100 µg/mL in Nonane	1.2 mL
	ULM-7420-1.2	4-Chlorophenol (unlabeled)	C ₆ H ₄ ClOH	100 µg/mL in Nonane	1.2 mL
	DLM-4360-1.2	Chlorpyrifos (diethyl-D ₁₀ ,99%)	C ₉ D ₁₀ HCl ₃ NO ₃ PS	100 µg/mL in Nonane	1.2 mL
NEW	ULM-7489-1.2	Chlorpyrifos (unlabeled)	C ₉ H ₁₁ Cl ₃ NO ₃ PS	100 µg/mL in Nonane	1.2 mL
NEW	DLM-7153	Chlorpyrifos methyl (dimethyl-D ₆ ,98%)	C ₇ HCl ₃ D ₆ NO ₃ PS		Inquire
	DLM-3760-0.01	Chlortoluron (N,N-dimethyl-D ₆ ,98%)	C ₁₀ H ₇ D ₆ ClN ₂ O	Neat	10 mg
	ERC-034	Cyclohexyl methylphosphonic acid (unlabeled)	CH ₃ PO ₃ HC ₆ H ₁₁	1000 µg/mL in Methanol	1.2 mL
	CLM-7293-1.2	Cyfluthrin, mix of stereoisomers (phenoxy- ¹³ C ₆ ,99%)	*C ₆ C ₁₆ H ₁₈ Cl ₂ FNO ₃	100 µg/mL in Nonane	1.2 mL
NEW	ULM-7454-1.2	Cyfluthrin, mix of stereoisomers (unlabeled)	C ₂₂ H ₁₈ Cl ₂ FNO ₃	100 µg/mL in Nonane	1.2 mL
	CLM-7292-1.2	Cypermethrin, mix of stereoisomers (phenoxy- ¹³ C ₆ ,99%)	*C ₆ C ₁₆ H ₁₉ Cl ₂ NO ₃	100 µg/mL in Nonane	1.2 mL
NEW	ULM-7453-1.2	Cypermethrin, mix of stereoisomers (unlabeled)	C ₂₂ H ₁₉ Cl ₂ NO ₃	100 µg/mL in Nonane	1.2 mL
	CLM-6999-1.2	2,4'-DDD (ring- ¹³ C ₁₂ ,99%) [(o,p'-Dichlorodiphenyl) dichloroethane]	*C ₁₂ C ₂ H ₁₀ Cl ₄	50 µg/mL in Nonane	1.2 mL
	ULM-7450-1.2	2,4'-DDD (unlabeled) [(o,p'-Dichlorodiphenyl) dichloroethane]	C ₁₄ H ₁₀ Cl ₄	50 µg/mL in Nonane	1.2 mL
	CLM-7100-1.2	4,4'-DDD (ring- ¹³ C ₁₂ ,99%) [(o,p'-Dichlorodiphenyl) dichloroethane]	*C ₁₂ C ₂ H ₁₀ Cl ₄	100 µg/mL in Nonane	1.2 mL
	DLM-3533-1.2	4,4'-DDD (ring-D ₈ ,98%) [(p,p'-Dichlorodiphenyl) dichloroethane]	C ₁₄ D ₈ H ₂ Cl ₄	100 µg/mL in Nonane	1.2 mL
	ULM-7216-1.2	4,4'-DDD (unlabeled) [(p,p'-Dichlorodiphenyl) dichloroethane]	C ₁₄ H ₁₀ Cl ₄	100 µg/mL in Nonane	1.2 mL
	CLM-4693-1.2	2,4'-DDE (ring- ¹³ C ₁₂ ,99%) [(o,p'-Dichlorodiphenyl) dichloroethylene]	(Cl*C ₆ H ₄) ₂ C=CCl ₂	100 µg/mL in Nonane	1.2 mL
	ULM-6251-1.2	2,4'-DDE (unlabeled) [(o,p'-Dichlorodiphenyl) dichloroethylene]	C ₁₄ H ₈ Cl ₄	100 µg/mL in Nonane	1.2 mL
	CLM-1627-1.2	4,4'-DDE (ring- ¹³ C ₁₂ ,99%) [(p,p'-Dichlorodiphenyl) dichloroethylene]	(Cl*C ₆ H ₄) ₂ C=CCl ₂	100 µg/mL in Nonane	1.2 mL
	CLM-1627-5	4,4'-DDE (ring- ¹³ C ₁₂ ,99%) [(p,p'-Dichlorodiphenyl) dichloroethylene]	(Cl*C ₆ H ₄) ₂ C=CCl ₂	Neat	5 mg
	ULM-6137-1.2	4,4'-DDE (unlabeled) [(p,p'-Dichlorodiphenyl) dichloroethylene]	(ClC ₆ H ₄) ₂ C=CCl ₂	100 µg/mL in Nonane	1.2 mL
	CLM-4692-1.2	2,4'-DDT (ring- ¹³ C ₁₂ ,99%) [(o,p'-Dichlorodiphenyl) trichloroethane]	(Cl*C ₆ H ₄) ₂ CHCCl ₃	100 µg/mL in Nonane	1.2 mL
	ULM-6134-1.2	2,4'-DDT (unlabeled) [(o,p'-Dichlorodiphenyl) trichloroethane]	ClC ₆ H ₄ CH(CCl ₃)C ₆ H ₄ Cl	100 µg/mL in Nonane	1.2 mL
	CLM-1281-1.2	4,4'-DDT (ring- ¹³ C ₁₂ ,99%) [(p,p'-Dichlorodiphenyl) trichloroethane]	(Cl*C ₆ H ₄) ₂ CHCCl ₃	100 µg/mL in Nonane	1.2 mL
	CLM-1281-5	4,4'-DDT (ring- ¹³ C ₁₂ ,99%) [(p,p'-Dichlorodiphenyl) trichloroethane]	(Cl*C ₆ H ₄) ₂ CHCCl ₃	Neat	5 mg
	ULM-6135-1.2	4,4'-DDT (unlabeled) [(p,p'-Dichlorodiphenyl) trichloroethane]	(ClC ₆ H ₄) ₂ CHCCl ₃	100 µg/mL in Nonane	1.2 mL
NEW	CLM-8313-1.2	Desethylatrazine (ring- ¹³ C ₃ ,99%) (CP: 97%)	*C ₃ C ₃ H ₁₀ ClN ₅	100 µg/mL in Acetonitrile	1.2 mL
NEW	ULM-8320-1.2	Desethylatrazine (unlabeled)	C ₆ H ₁₀ ClN ₅	100 µg/mL in Acetonitrile	1.2 mL
NEW	CLM-8316-1.2	Desethyldeisopropylhydroxyatrazine (Ammeline) (ring- ¹³ C ₃ ,99%)	*C ₃ H ₅ N ₅ O	100 µg/mL in 80% H ₂ O/ 20% Diethylamine	1.2 mL
NEW	ULM-8323-1.2	Desethyldeisopropylhydroxyatrazine (Ammeline) (unlabeled)	C ₃ H ₅ N ₅ O	100 µg/mL in 80% H ₂ O/ 20% Diethylamine	1.2 mL
NEW	CLM-8315-1.2	Desethylhydroxyatrazine (ring- ¹³ C ₃ ,99%)	C ₃ *C ₃ H ₁₁ N ₅ O	100 µg/mL in 80% H ₂ O/ 20% Diethylamine	1.2 mL
NEW	ULM-8322-1.2	Desethylhydroxyatrazine (unlabeled)	C ₆ H ₁₁ N ₅ O	100 µg/mL in 80% H ₂ O/ 20% Diethylamine	1.2 mL

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	Catalog #	Compound	Formula	Concentration	Amount
NEW	CLM-8312-1.2	Desisopropylatrazine (ring- ¹³ C ₃ ,99%)	*C ₃ C ₂ H ₈ ClN ₅	100 µg/mL in Acetonitrile	1.2 mL
NEW	ULM-8319-1.2	Desisopropylatrazine (unlabeled)	C ₅ H ₈ ClN ₅	100 µg/mL in Acetonitrile	1.2 mL
NEW	CLM-8314-1.2	Desisopropylhydroxyatrazine (ring- ¹³ C ₃ ,99%)	*CC ₄ H ₉ N ₅ O	100 µg/mL in Acetonitrile	1.2 mL
NEW	ULM-8321-1.2	Desisopropylhydroxyatrazine (ring- ¹³ C ₃ ,99%)	C ₅ H ₉ N ₅ O	100 µg/mL in 80% H ₂ O/ 20% Diethylamine	1.2 mL
	DLM-1148-1.2	Diazinon (diethyl-D ₁₀ ,98%)	C ₁₂ H ₁₁ D ₁₀ N ₂ O ₃ PS	100 µg/mL in Nonane	1.2 mL
	DLM-1148-5	Diazinon (diethyl-D ₁₀ ,98%)	C ₁₂ H ₁₁ D ₁₀ N ₂ O ₃ PS	Neat	5 mg
NEW	ULM-6575-S-10X-1.2	Diazinon (unlabeled)	C ₁₂ H ₂₁ N ₂ O ₃ PS	1000 µg/mL in Nonane	1.2 mL
	CLM-816-1.2	2,6-Dichloro-4-nitroaniline (Dicloran) (ring- ¹³ C ₆ ,99%)	Cl ₂ *C ₆ H ₂ (NO ₂)NH ₂	100 µg/mL in Nonane	1.2 mL
	CLM-1858-1.2	2,4-Dichlorophenoxyacetic acid (2,4-D) (ring- ¹³ C ₆ ,99%)	Cl ₂ *C ₆ H ₃ OCH ₂ CO ₂ H	100 µg/mL in Acetonitrile	1.2 mL
	DLM-1146-5	2,4-Dichlorophenoxyacetic acid (2,4-D) (ring-D ₃ ,98%)	Cl ₂ C ₆ D ₃ OCH ₂ CO ₂ H	Neat	5 mg
	ULM-7418-1.2	2,4-Dichlorophenoxyacetic acid (2,4-D) (unlabeled)	Cl ₂ C ₆ H ₃ OCH ₂ CO ₂ H	100 µg/mL in Acetonitrile	1.2 mL
NEW	CDLM-6002-1.2	3-(2,2-Dichlorovinyl)-2,2-dimethyl-1-cyclopropane carboxylic acid (DCCA) (carboxyl- ¹³ C ₂ ,99%;1-D,98%)	*C ₂ C ₆ H ₉ DCl ₂ O ₂	100 µg/mL in Acetonitrile-D ₃	1.2 mL
NEW	ULM-7303-1.2	3-(2,2-Dichlorovinyl)-2,2-dimethyl-1-cyclopropane carboxylic acid (DCCA) (unlabeled)	C ₈ H ₉ HCl ₂ O ₂	100 µg/mL in Acetonitrile	1.2 mL
	CLM-3722-1.2	Dichlorprop (ring- ¹³ C ₆ ,99%)	*C ₆ C ₃ H ₈ Cl ₂ O ₃	100 µg/mL in Nonane	1.2 mL
	ULM-7313-1.2	Dichlorprop (unlabeled)	(Cl) ₂ C ₆ H ₃ OCH(CH ₃)CO ₂ H	100 µg/mL in Nonane	1.2 mL
	DLM-2829-0.01	Dichlorvos (dimethyl-D ₆ ,98%)	C ₄ D ₆ HCl ₂ O ₄ P	Neat	10 mg
	ULM-7217-1.2	Dichlorvos (unlabeled)	(H ₃ CO) ₂ POOCH=CCl ₂	100 µg/mL in Nonane	1.2 mL
	CLM-4726-1.2	Dieldrin (¹³ C ₁₂ ,99%)	*C ₁₂ H ₈ Cl ₆ O	100 µg/mL in Nonane	1.2 mL
	ULM-7230-1.2	Dieldrin (unlabeled)	C ₁₂ H ₈ Cl ₆ O	100 µg/mL in Nonane	1.2 mL
	ERD-117	O,O-Diethyl dithiophosphate, potassium salt (unlabeled)	C ₄ H ₁₁ KO ₂ PS ₂	1000 µg/mL in Methanol	1.2 mL
	ERD-118	Diethyl hydrogen phosphate (unlabeled)	C ₄ H ₁₀ O ₄ P	1000 µg/mL in Methanol	1.2 mL
	DLM-4852-1.2	O,O-Diethyl thiophosphate, potassium salt (diethyl-D ₁₀ ,98%)	C ₄ D ₁₀ KO ₃ PS	1000 µg/mL in Methanol	1.2 mL
	ERD-119	O,O-Diethyl thiophosphate, potassium salt (unlabeled)	C ₄ H ₁₁ KO ₃ PS	1000 µg/mL in Methanol	1.2 mL
NEW	ERD-155	O,O-Dimethyl dithiophosphate, sodium salt (unlabeled)	C ₂ H ₆ NaO ₂ PS ₂	1000 µg/mL in Methanol	1.2 mL
	ERD-121	Dimethyl hydrogen phosphate (unlabeled)	(CH ₃ O) ₂ P(O)OH	1000 µg/mL in Methanol	1.2 mL
	ULM-4617-1.2	O,O-Dimethyl hydrogen thiophosphate (unlabeled)	C ₂ H ₆ NaO ₃ PS	1000 µg/mL in Methanol	1.2 mL
	ULM-6089	O,S-Dimethyl thiophosphate, sodium salt (unlabeled)	C ₂ H ₆ NaO ₃ PS		Inquire
NEW	DLM-4762-1.2	N,N-Diethyl-m-toluamide (DEET) (dimethyl-D ₆ ,98%)	CH ₃ C ₆ H ₄ CON(CH ₂ CD ₃) ₂	100 µg/mL in Methylene chloride-D ₂	1.2 mL
NEW	DLM-4762-D-1.2	N,N-Diethyl-m-toluamide (DEET) (dimethyl-D ₆ ,98%)	CH ₃ C ₆ H ₄ CON(CH ₂ CD ₃) ₂	100 µg/mL in Dioxane	1.2 mL
NEW	ULM-7975-1.2	N,N-Diethyl-m-toluamide (DEET) (unlabeled)	CH ₃ C ₆ H ₄ CON(CH ₂ CH ₃) ₂	100 µg/mL in Methylene chloride	1.2 mL
NEW	ULM-7975-D-1.2	N,N-Diethyl-m-toluamide (DEET) (unlabeled)	CH ₃ C ₆ H ₄ CON(CH ₂ CH ₃) ₂	100 µg/mL in Dioxane	1.2 mL
NEW	DLM-7151-1.2	Dimethoate (O,O-dimethyl-D ₆ ,98%)	C ₅ D ₆ H ₆ NO ₃ PS ₂	100 µg/mL in Acetonitrile	1.2 mL
NEW	ULM-7972-1.2	Dimethoate (unlabeled)	C ₅ H ₁₂ NO ₃ PS ₂	100 µg/mL in Acetonitrile	1.2 mL
	CLM-3373-1.2	Dinocap (ring- ¹³ C ₆ ,99%)	*C ₆ C ₁₂ H ₂₄ N ₂ O ₆	100 µg/mL in Nonane	1.2 mL
NEW	DLM-7183	Disulfoton (O,O-diethyl-D ₁₀ ,98%)	C ₈ D ₁₀ H ₉ O ₂ PS ₃		Inquire

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Catalog #	Compound	Formula	Concentration	Amount
CLM-6025-1.2	Endosulfan I (¹³ C ₉ ,99%)	*C ₉ H ₆ Cl ₆ O ₃ S	100 µg/mL in Nonane	1.2 mL
DLM-2862-1.2	Endosulfan I (D ₄ ,97%)	C ₉ D ₄ H ₂ Cl ₆ O ₃ S	100 µg/mL in Nonane	1.2 mL
ULM-7447-1.2	Endosulfan I (unlabeled)	C ₉ H ₆ Cl ₆ O ₃ S	100 µg/mL in Nonane	1.2 mL
CLM-6026-1.2	Endosulfan II (¹³ C ₉ ,99%)	*C ₉ H ₆ Cl ₆ O ₃ S	100 µg/mL in Nonane	1.2 mL
ULM-7448-1.2	Endosulfan II (unlabeled)	C ₉ H ₆ Cl ₆ O ₃ S	100 µg/mL in Nonane	1.2 mL
NEW CLM-7531-1.2	Endosulfan sulfate (¹³ C ₉ ,99%)	*C ₉ H ₆ Cl ₆ O ₄ S	100 µg/mL in Nonane	1.2 mL
NEW ULM-7990-1.2	Endosulfan sulfate (unlabeled)	C ₉ H ₆ Cl ₆ O ₄ S	100 µg/mL in Nonane	1.2 mL
CLM-4782-1.2	Endrin (¹³ C ₁₂ ,99%)	*C ₁₂ H ₈ Cl ₆ O	100 µg/mL in Nonane	1.2 mL
ULM-7444-1.2	Endrin (unlabeled)	C ₁₂ H ₈ Cl ₆ O	100 µg/mL in Nonane	1.2 mL
CLM-4815-50	Endrin aldehyde (¹³ C ₁₂ ,99%)	*C ₁₀ C ₂ H ₁₀ Cl ₆ O	Neat	50 µg
CLM-4816-50	Endrin ketone (¹³ C ₁₂ ,99%)	*C ₁₀ C ₂ H ₈ Cl ₆ O	Neat	50 µg
ERE-024	Ethyl methylphosphonic acid (unlabeled)	C ₃ H ₅ O ₃ P	1000 µg/mL in Methanol	1.2 mL
DLM-2878-0.01	Fenitrothion (O,O-dimethyl-D ₆ ,98%)	C ₉ D ₆ H ₆ NO ₃ PS	Neat	10 mg
NEW CLM-7389-1.2	4-Fluoro-3-phenoxybenzoic acid (¹³ C ₆ ,99%)	*C ₆ C ₇ H ₉ FO ₃	100 µg/mL in Acetonitrile	1.2 mL
NEW ULM-7391-1.2	4-Fluoro-3-phenoxybenzoic acid (unlabeled)	C ₁₃ H ₉ FO ₃	100 µg/mL in Acetonitrile	1.2 mL
CLM-4545-1.2	Fonofos (ring- ¹³ C ₆ ,99%)	*C ₆ C ₄ H ₁₅ OPS ₂	100 µg/mL in Nonane	1.2 mL
ULM-6694-1.2	Fonofos (unlabeled)	CH ₂ CH ₃ P(S)(OCH ₂ CH ₃)(SC ₆ H ₅)	100 µg/mL in Nonane	1.2 mL
CNLM-4666-1.2	Glyphosate (2- ¹³ C, ^{99%} ; ¹⁵ N, ^{98%})	HO ₂ *CCH ₂ *NHCH ₂ PO(OH) ₂	100 µg/mL in H ₂ O	1.2 mL
NEW CNLM-4666-10	Glyphosate (2- ¹³ C, ^{99%} ; ¹⁵ N, ^{98%})	HO ₂ *CCH ₂ *NHCH ₂ PO(OH) ₂	100 µg/mL in H ₂ O	10 mL
NEW ULM-6876-1.2	Glyphosate (unlabeled)	HO ₂ CCH ₂ NHCH ₂ PO(OH) ₂	100 µg/mL in H ₂ O	1.2 mL
CLM-4759-1.2	Heptachlor (¹³ C ₁₀ ,99%)	*C ₁₀ H ₅ Cl ₇	100 µg/mL in Nonane	1.2 mL
ULM-2424-1.2	Heptachlor (unlabeled)	C ₁₀ H ₅ Cl ₇	100 µg/mL in Nonane	1.2 mL
ULM-2424-0.1	Heptachlor (unlabeled)	C ₁₀ H ₅ Cl ₇	Neat	0.1 g
CLM-4734-1.2	cis-Heptachlor epoxide (B isomer) (¹³ C ₁₀ ,99%)	*C ₁₀ H ₅ Cl ₇ O	100 µg/mL in Nonane	1.2 mL
ULM-2425-1.2	cis-Heptachlor epoxide (B isomer) (unlabeled)	C ₁₀ H ₅ Cl ₇ O	100 µg/mL in Nonane	1.2 mL
ULM-2425-0.1	cis-Heptachlor epoxide (B isomer) (unlabeled)	C ₁₀ H ₅ Cl ₇ O	Neat	0.1 g
NEW ULM-7869-1.2	trans-Heptachlor epoxide (A isomer) (unlabeled)	C ₁₀ H ₅ Cl ₇ O	100 µg/mL in Nonane	1.2 mL
CLM-351-1.2	Hexachlorobenzene (¹³ C ₆ ,99%)	*C ₆ Cl ₆	100 µg/mL in Nonane	1.2 mL
ULM-6130-1.2	Hexachlorobenzene (unlabeled)	C ₆ Cl ₆	100 µg/mL in Nonane	1.2 mL
NEW CLM-8310-1.2	Hydroxyatrazine (ring- ¹³ C ₃ ,99%)	(CH ₃ CH ₂ NH)*C ₃ N ₃ (OH) (NHCH(CH ₃) ₂)	100 µg/mL in 80% H ₂ O/ 20% Diethylamine	1.2 mL
NEW ULM-8317-1.2	Hydroxyatrazine (unlabeled)	(CH ₃ CH ₂ NH)C ₃ N ₃ (OH) (NHCH(CH ₃) ₂)	100 µg/mL in 80% H ₂ O/ 20% Diethylamine	1.2 mL
NEW DLM-8512-1.2	Imidacloprid (4,4,5,5-D ₄ ,98%)	C ₉ H ₆ D ₄ ClN ₅ O ₂	100 µg/mL in Methanol	1.2 mL
NEW ULM-8513-1.2	Imidacloprid (unlabeled)	C ₉ H ₁₀ ClN ₅ O ₂	100 µg/mL in Methanol	1.2 mL
CLM-4727-1.2	Isodrin (¹³ C ₁₂ ,99%)	*C ₁₂ H ₈ Cl ₆	100 µg/mL in Nonane	1.2 mL
ULM-7442-1.2	Isodrin (unlabeled)	C ₁₂ H ₈ Cl ₆	100 µg/mL in Nonane	1.2 mL
NEW ERI-026	Isobutyl hydrogen methylphosphonate (unlabeled)	C ₅ H ₁₃ O ₃ P	1000 µg/mL in Methanol	1.2 mL
ERI-015	Isopropyl methylphosphonic acid (unlabeled)	C ₄ H ₁₁ O ₃ P	100 µg/mL in Methanol	1.2 mL
CLM-4814-1.2	Kepone (Chlordecone) (¹³ C ₁₀ ,99%)	*C ₁₀ Cl ₁₀ O	100 µg/mL in Nonane	1.2 mL
ULM-2301-1.2	Kepone (unlabeled)	C ₁₀ Cl ₁₀ O	100 µg/mL in Nonane	1.2 mL
ULM-2301-0.1	Kepone (unlabeled)	C ₁₀ Cl ₁₀ O	Neat	0.1 g
DLM-4476-1.2	Malathion (D ₁₀ ,99%)	C ₁₀ D ₁₀ H ₉ O ₆ PS ₂	100 µg/mL in Nonane	1.2 mL
ULM-8122-1.2	Malathion (unlabeled)	(CH ₃ O) ₂ P=SSCH(CO ₂ CH ₂ CH ₃) CH ₂ CO ₂ CH ₂ CH ₃	100 µg/mL in Nonane	1.2 mL
NEW DLM-7149	Methamidophos (dimethyl-D ₆ ,98%)	C ₂ D ₆ H ₂ NO ₂ PS		Inquire

Individual Pesticide and Pesticide Metabolite Standards

	Catalog #	Compound	Formula	Concentration	Amount
NEW	CNLM-7148-1.2	Methomyl (acetohydroxamate- ¹³ C ₂ ,99%, ¹⁵ N 98%)	*C ₂ C ₃ H ₁₀ N*NO ₂ S	100 µg/mL in Methanol	1.2 mL
NEW	ULM-8639-1.2	Methomyl (unlabeled)	C ₅ H ₁₀ NNO ₂ S	100 µg/mL in Methanol	1.2 mL
	CLM-4683-1.2	Methoxychlor (ring-¹³C₁₂,99%)	(*C ₆ OC ₂ C ₂ Cl ₃)	100 µg/mL in Nonane	1.2 mL
	ULM-7440-1.2	Methoxychlor (unlabeled)	(CH ₃ OC ₆ H ₄) ₂ CHCl ₃	100 µg/mL in Nonane	1.2 mL
	DLM-6196-1.2	Methylphosphonic acid (methyl-D ₃ , 98%)	CD ₃ P(O)(OH) ₂	100 µg/mL in Methanol	1.2 mL
	ERM-038	Methylphosphonic acid (unlabeled)	CH ₃ P(O)(OH) ₂	100 µg/mL in Methanol	1.2 mL
	CLM-3712-1.2	Metolachlor (ring-¹³C₆,99%)	*C ₆ C ₉ H ₂₂ ClNO ₂	100 µg/mL in Nonane	1.2 mL
	ULM-7314-1.2	Metolachlor (unlabeled)	CH ₃ CH ₂ (CH ₃)H ₃ N(COCHCl) CH(CH ₃ CH ₂ OCH ₃)	100 µg/mL in Nonane	1.2 mL
	CLM-4813-1.2	Mirex (¹³C₁₀,99%)	*C ₁₀ Cl ₁	100 µg/mL in Nonane	1.2 mL
	CLM-2078-1	Mirex (¹³C₈,99%)	*C ₈ C ₂ Cl ₁₂	200 µg/mL in Toluene	1 mL
	ULM-2427-1.2	Mirex (unlabeled)	C ₁₀ Cl ₁₂	100 µg/mL in Nonane	1.2 mL
	ULM-2427-SM-1.2	Mirex (unlabeled)	C ₁₀ Cl ₁₂	100 µg/mL in Methanol	1.2 mL
	ULM-2427-0.1	Mirex (unlabeled)	C ₁₀ Cl ₁₂	Neat	0.1 g
	CLM-4811-1.2	cis-Nonachlor (¹³C₁₀,99%)	*C ₁₀ H ₅ Cl ₉	100 µg/mL in Nonane	1.2 mL
	ULM-7445-1.2	cis-Nonachlor (unlabeled)	*C ₁₀ H ₅ Cl ₉	100 µg/mL in Nonane	1.2 mL
	CLM-4735-1.2	trans-Nonachlor (¹³C₁₀,99%)	*C ₁₀ H ₅ Cl ₉	100 µg/mL in Nonane	1.2 mL
	ULM-7229-1.2	trans-Nonachlor (unlabeled)	*C ₁₀ H ₅ Cl ₉	100 µg/mL in Nonane	1.2 mL
	CLM-4729-1.2	Oxychlordane (¹³C₁₀,99%)	*C ₁₀ H ₄ Cl ₈ O	100 µg/mL in Nonane	1.2 mL
	ULM-6139-1.2	Oxychlordane (unlabeled)	C ₁₀ H ₄ Cl ₈ O	100 µg/mL in Nonane	1.2 mL
	ULM-6139-SM-1.2	Oxychlordane (unlabeled)	C ₁₀ H ₄ Cl ₈ O	100 µg/mL in Methanol	1.2 mL
NEW	DLM-7150-1.2	Oxydemeton methyl (O,O-dimethyl-D ₆ ,98%)	C ₆ D ₆ H ₉ O ₄ PS ₂	100 µg/mL in Acetonitrile	1.2 mL
NEW	ULM-8579-1.2	Oxydemeton methyl (unlabeled)	C ₆ H ₁₅ O ₄ PS ₂	100 µg/mL in	1.2 mL
	CLM-4538-1.2	Oxypyrimidine (Diazinon Metabolite) (methyl,4,5,6- ¹³ C ₄ ,99%)	*C ₄ C ₄ H ₁₂ N ₂ O	100 µg/mL in Acetonitrile	1.2 mL
	ULM-7432-1.2	Oxypyrimidine (unlabeled)	C ₆ H ₁₂ N ₂ O	100 µg/mL in	1.2 mL
	DLM-2970-1.2	Parathion (diethyl-D₁₀,98%)	C ₁₀ D ₁₀ H ₄ NO ₅ PS	100 µg/mL in Nonane	1.2 mL
NEW	ULM-8144-1.2	Parathion (unlabeled)	NO ₂ (C ₆ H ₄)OP(=S)(OC ₂ H ₅) ₂	100 µg/mL in Nonane	1.2 mL
	CLM-7322-1.2	cis-Permethrin (phenoxy- ¹³ C ₆ ,99%)	*C ₆ H ₅ OC ₆ H ₄ CH ₂ CO ₂ C ₇ H ₉ Cl ₂ O ₃	50 µg/mL in Nonane	1.2 mL
NEW	ULM-8526-1.2	cis-Permethrin (unlabeled)	C ₆ H ₅ OC ₆ H ₄ CH ₂ CO ₂ C ₇ H ₉ Cl ₂ O ₃	50 µg/mL in Nonane	1.2 mL
	CLM-7323-1.2	trans-Permethrin (phenoxy- ¹³ C ₆ ,99%)	*C ₆ H ₅ OC ₆ H ₄ CH ₂ CO ₂ C ₇ H ₉ Cl ₂ O ₃	50 µg/mL in Nonane	1.2 mL
NEW	ULM-8527-1.2	trans-Permethrin (unlabeled)	C ₆ H ₅ OC ₆ H ₄ CH ₂ CO ₂ C ₇ H ₉ Cl ₂ O ₃	50 µg/mL in Nonane	1.2 mL
	CLM-3733-1.2	o-Phenylphenol (phenyl-¹³C₆,99%)	*C ₆ C ₆ H ₁₀ O	100 µg/mL in Nonane	1.2 mL
	ULM-7396-1.2	o-Phenylphenol (unlabeled)	C ₁₂ H ₉ OH	100 µg/mL in Nonane	1.2 mL
	CLM-3748-1.2	p-Phenylphenol (phenyl-¹³C₆,99%)	*C ₆ C ₆ H ₁₀ O	100 µg/mL in	1.2 mL
	CLM-4542-1.2	3-Phenoxybenzoic acid (phenoxy- ¹³ C ₆ ,99%) (Permethrin metabolite)	*C ₆ H ₅ OC ₆ H ₄ CO ₂ H	100 µg/mL in Nonane	1.2 mL
NEW	CLM-4542-SA-1.2	3-Phenoxybenzoic acid (phenoxy- ¹³ C ₆ ,99%)	*C ₆ H ₅ OC ₆ H ₄ CO ₂ H	100 µg/mL in Acetonitrile	1.2 mL
	ULM-6781-1.2	3-Phenoxybenzoic acid (unlabeled)	C ₆ H ₅ OC ₆ H ₄ CO ₂ H	100 µg/mL in Nonane	1.2 mL
NEW	ULM-6781-SA-1.2	3-Phenoxybenzoic acid (unlabeled)	C ₆ H ₅ OC ₆ H ₄ CO ₂ H	100 µg/mL in Acetonitrile	1.2 mL
NEW	CLM-4544-1.2	Phorate (diethoxy-¹³C₄,99%)	(*C ₂ H ₅ O) ₂ P(S)SCH ₂ SC ₂ H ₅	100 µg/mL in	1.2 mL
NEW	ULM-7567-1.2	Phorate (unlabeled)	(C ₂ H ₅ O) ₂ P(S)SCH ₂ SC ₂ H ₅	100 µg/mL in	1.2 mL
	DLM-4667-1.2	Phosmet (dimethyl-D₆, 98%)	C ₁₁ H ₆ D ₆ NO ₄ PS ₂	100 µg/mL in	1.2 mL
NEW	ULM-8454-1.2	Phosmet (unlabeled)	C ₁₁ H ₁₂ NO ₄ PS ₂	100 µg/mL in	1.2 mL
	CLM-3738-1.2	Propazine (ring-¹³C₃,99%)	*C ₃ C ₆ H ₁₆ ClN ₅	100 µg/mL in Methanol	1.2 mL
NEW	DLM-7141	Propoxur (isopropyl-D₇,98%)	C ₁₁ D ₇ H ₈ NO ₃		Inquire

Individual Pesticide and Pesticide Metabolite Standards

Catalog #	Compound	Formula	Concentration	Amount
CLM-3739-1.2	Simazine (ring-¹³C₃,99%)	*C ₃ C ₄ H ₁₂ ClN ₅	100 µg/mL in Methanol	1.2 mL
NEW ULM-7893-1.2	Simazine (unlabeled)	C ₇ H ₁₂ ClN ₅	100 µg/mL in Methanol	1.2 mL
DLM-380-1.2	Styrene (D₈,98%) + BHT	C ₆ D ₅ CD=CD ₂	100 µg/mL in Nonane	1.2 mL
CLM-4543	Terbufos (diethoxy-¹³C₄,99%)	C(CH ₃) ₃ SCH ₂ SP(S)(O*CH ₂ *CH ₃) ₂		Inquire
CLM-4551-1.2	2,4,5-Trichlorophenoxyacetic acid (2,4,5-T) (ring-¹³C₆,99%)	*C ₆ C ₂ H ₅ Cl ₃ O ₃	100 µg/mL in Methylene chloride	1.2 mL
ULM-7213-1.2	2,4,5-Trichlorophenoxyacetic acid (2,4,5-T) (unlabeled)	C ₆ H ₂ Cl ₃ OCH ₂ CO ₂ H	100 µg/mL in Methylene chloride	1.2 mL
DLM-4479-1.2	Trifluralin (di-<i>n</i>-propyl-D₁₄,98%)	C ₁₃ D ₁₄ H ₂ F ₃ N ₃ O ₄	100 µg/mL in Nonane	1.2 mL
ULM-7236-1.2	Trifluralin (unlabeled)	C ₁₃ H ₁₄ H ₂ F ₃ N ₃ O ₄	100 µg/mL in Nonane	1.2 mL
CLM-6620-1.2	1,2,2-Trimethylpropyl hydrogen methylphosphonate (trimethylpropyl-¹³C₆,99%)	*C ₆ CH ₁₇ O ₃ P	100 µg/mL in Methanol	1.2 mL
DLM-6861-1.2	Warfarin (phenyl-D₅,98%)	C ₁₉ H ₁₁ D ₅ O ₄	100 µg/mL in	1.2 mL
ULM-7242-1.2	Warfarin (unlabeled)	C ₁₉ H ₁₆ O ₄	100 µg/mL in Acetonitrile	1.2 mL

Pesticide Standard Mixtures

Catalog #	Compound	Amount
NEW ES-5464	Expanded POPs Pesticides Calibration Solutions [CS1-CS6]	Set of 6 x 0.2 mL in Nonane
NEW ES-5464-CS1	Expanded POPs Pesticides Calibration Solution [CS1]	0.2 mL in Nonane
NEW ES-5464-CS2	Expanded POPs Pesticides Calibration Solution [CS2]	0.2 mL in Nonane
NEW ES-5464-CS3	Expanded POPs Pesticides Calibration Solution [CS3]	0.2 mL in Nonane
NEW ES-5464-CS4	Expanded POPs Pesticides Calibration Solution [CS4]	0.2 mL in Nonane
NEW ES-5464-CS5	Expanded POPs Pesticides Calibration Solution [CS5]	0.2 mL in Nonane
NEW ES-5464-CS6	Expanded POPs Pesticides Calibration Solution [CS6]	0.2 mL in Nonane

All concentrations are in ng/mL (ppb)

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 (A isomer)	0.4	2	10	40	200	800
cis-Heptachlor epoxide (B isomer)	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-BHC (α-HCH)	0.4	2	10	40	200	800
β-BHC (β-HCH)	0.4	2	10	40	200	800
γ-BHC (γ-HCH) (Lindane)	0.4	2	10	40	200	800
δ-BHC (δ-HCH)	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 C ₆ ,99%)	20	20	20	20	20	20
Pentachlorobenzene (¹³ C ₅ ,99%)	20	20	20	20	20	20
Aldrin (¹³ C ₁₂ ,99%)	20	20	20	20	20	20
Endrin (¹³ C ₁₂ ,99%)	20	20	20	20	20	20
Dieldrin (¹³ C ₁₂ ,99%)	20	20	20	20	20	20
4,4'-DDT (¹³ C ₁₂ ,99%)	20	20	20	20	20	20
4,4'-DDE (¹³ C ₁₂ ,99%)	20	20	20	20	20	20
4,4'-DDD (¹³ C ₁₂ ,99%)	20	20	20	20	20	20
2,4'-DDT (¹³ C ₁₂ ,99%)	20	20	20	20	20	20
2,4'-DDE (¹³ C ₁₂ ,99%)	20	20	20	20	20	20
2,4'-DDD (¹³ C ₁₂ ,99%)	20	20	20	20	20	20
trans-Chlordane (γ) (¹³ C ₁₀ ,99%)	20	20	20	20	20	20
trans-Nonachlor (¹³ C ₁₀ ,99%)	20	20	20	20	20	20
cis-Nonachlor (¹³ C ₁₀ ,99%)	20	20	20	20	20	20
Oxychlordane (¹³ C ₁₀ ,99%)	20	20	20	20	20	20
Heptachlor (¹³ C ₁₀ ,99%)	20	20	20	20	20	20
cis-Heptachlor epoxide (¹³ C ₁₀ ,99%)	20	20	20	20	20	20

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Pesticide Standard Mixtures

(continued from previous page)

	IUPAC	CS1	CS2	CS3	CS4	CS5	CS6
Mirex (¹³C₁₀,99%)		20	20	20	20	20	20
Kepone (Chlordecone) (¹³C₁₀,99%)		20	20	20	20	20	20
α-BHC (α-HCH) (¹³C₆,99%)		20	20	20	20	20	20
β-BHC (β-HCH) (¹³C₆,99%)		20	20	20	20	20	20
γ-BHC (γ-HCH) (Lindane) (¹³C₆,99%)		20	20	20	20	20	20
δ-BHC (δ-HCH) (¹³C₆,99%)		20	20	20	20	20	20
Endosulfan I (¹³C₉,99%)		20	20	20	20	20	20
Endosulfan II (¹³C₉,99%)		20	20	20	20	20	20
Syringe							
4,4'-DiCB (¹³C₁₂,99%)	15	20	20	20	20	20	20
2,3',4',5-TeCB (¹³C₁₂,99%)	70	20	20	20	20	20	20
Sampling							
Isodrin (¹³C₁₂,99%)		20	20	20	20	20	20

Catalog #	Compound	Amount
NEW ES-5465	Expanded POPs Pesticides Cleanup Spike	1.2 mL in Nonane
NEW ES-5465-5X	Expanded POPs Pesticides Cleanup Spike (5X Stock)	1.2 mL in Nonane

Labeled	ES-5465 (ng/mL)	ES-5465-5X (ng/mL)
Hexachlorobenzene (¹³C₆,99%)	100	500
Pentachlorobenzene (¹³C₅,99%)	100	500
Aldrin (¹³C₁₂,99%)	100	500
Dieldrin (¹³C₁₂,99%)	100	500
Endrin (¹³C₁₂,99%)	100	500
4,4'-DDT (¹³C₁₂,99%)	100	500
4,4'-DDE (¹³C₁₂,99%)	100	500
4,4'-DDD (¹³C₁₂,99%)	100	500
2,4'-DDT (¹³C₁₂,99%)	100	500
2,4'-DDE (¹³C₁₂,99%)	100	500
2,4'-DDD (¹³C₁₂,99%)	100	500
trans-Chlordane (γ) (¹³C₁₀,99%)	100	500
trans-Nonachlor (¹³C₁₀,99%)	100	500
cis-Nonachlor (¹³C₁₀,99%)	100	500
Oxychlordane (¹³C₁₀,99%)	100	500
Heptachlor (¹³C₁₀,99%)	100	500
cis-Heptachlor epoxide (B isomer) (¹³C₁₀,99%)	100	500
Mirex (¹³C₁₀,99%)	100	500
Kepone (Chlordecone) (¹³C₁₀,99%)	100	500
α-BHC (α-HCH) (¹³C₆,99%)	100	500
β-BHC (β-HCH) (¹³C₆,99%)	100	500
γ-BHC (γ-HCH) (Lindane) (¹³C₆,99%)	100	500
δ-BHC (δ-HCH) (¹³C₆,99%)	100	500
Endosulfan I (¹³C₉,99%)	100	500
Endosulfan II (¹³C₉,99%)	100	500

Pesticide Standard Mixtures

Catalog #	Compound	Amount		
NEW ES-5466	Expanded POPs Pesticides Sampling Spike	1.2 mL in Nonane		
	Labeled	(ng/mL)		
	Isodrin (¹³ C ₁₂ ,99%)	1000		
NEW EC-5350	POPs Pesticides HRMS (PCB) Syringe Spike	1.2 mL in Nonane		
NEW EC-5350-L	POPs Pesticides LRMS (PCB) Syringe Spike	0.5 mL in Nonane		
	Labeled	IUPAC	ES-5350	ES-5350-L
	4,4'-DiCB (¹³ C ₁₂ ,99%)	15	100	1000
	2,3',4',5-TetraCB (¹³ C ₁₂ ,99%)	70	100	1000
NEW ES-5467	Expanded POPs Pesticides PAR Solution	1.2 mL in Nonane		
	Unlabeled			
	Hexachlorobenzene	1000		
	Pentachlorobenzene	1000		
	Aldrin	1000		
	Dieldrin	1000		
	Endrin	1000		
	4,4'-DDT	1000		
	4,4'-DDE	1000		
	4,4'-DDD	1000		
	2,4'-DDT	1000		
	2,4'-DDE	1000		
	2,4'-DDD	1000		
	trans-Chlordane (γ)	1000		
	cis-Chlordane (α)	1000		
	trans-Nonachlor	1000		
	cis-Nonachlor	1000		
	Oxychlordane	1000		
	Heptachlor	1000		
	trans-Heptachlor epoxide (A isomer)	1000		
	cis-Heptachlor epoxide (B isomer)	1000		
	Mirex	1000		
	Kepone (Chlordecone)	1000		
	α-BHC (α-HCH)	1000		
	β-BHC (β-HCH)	1000		
	γ-BHC (γ-HCH) (Lindane)	1000		
	δ-BHC (δ-HCH)	1000		
	Endosulfan I	1000		
	Endosulfan II	1000		

Toxaphene Standard Mixtures

Catalog #	Compound	Amount
NEW ES-5345	POPs Toxaphene Calibration Solutions [CS1-CS5]	Set of 5 x 0.2 mL in Nonane
NEW ES-5345-CS1	POPs Toxaphene Calibration Solution [CS1]	0.2 mL in Nonane
NEW ES-5345-CS2	POPs Toxaphene Calibration Solution [CS2]	0.2 mL in Nonane
NEW ES-5345-CS3	POPs Toxaphene Calibration Solution [CS3]	0.2 mL in Nonane
NEW ES-5345-CS4	POPs Toxaphene Calibration Solution [CS4]	0.2 mL in Nonane
NEW ES-5345-CS5	POPs Toxaphene Calibration Solution [CS5]	0.2 mL in Nonane

All concentrations are in ng/mL (ppb)

Unlabeled	CS1	CS2	CS3	CS4	CS5
Parlar 26	10	30	100	300	1000
Parlar 50	10	30	100	300	1000
Parlar 62	10	30	100	300	1000
Labeled					
<i>trans</i>-Chlordane (γ) ($^{13}\text{C}_{10}$, 99%)	1	1	1	1	1

NEW ES-5352-L	POPs Toxaphene Surrogate Solution with PCB Syringe	1.2 mL in Nonane
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Labeled	(ng/mL)
<i>trans</i>-Chlordane (γ) ($^{13}\text{C}_{10}$, 99%)	1000

NEW ES-5353	Predominant Bioaccumulative Toxaphene Congeners (Parlar 26, 50 and 62)	1.2 mL in Nonane
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Unlabeled	
Parlar 26	2000
Parlar 50	2000
Parlar 62	2000

Pesticide Standard Mixtures

Catalog #	Compound	Amount
NEW ES-5348	POPs Pesticides Calibration Solutions [CS1-CS6]	Set of 6 x 0.2 mL in Nonane
NEW ES-5348-CS1	POPs Pesticides Calibration Solution [CS1]	0.2 mL in Nonane
NEW ES-5348-CS2	POPs Pesticides Calibration Solution [CS2]	0.2 mL in Nonane
NEW ES-5348-CS3	POPs Pesticides Calibration Solution [CS3]	0.2 mL in Nonane
NEW ES-5348-CS4	POPs Pesticides Calibration Solution [CS4]	0.2 mL in Nonane
NEW ES-5348-CS5	POPs Pesticides Calibration Solution [CS5]	0.2 mL in Nonane
NEW ES-5348-CS6	POPs Pesticides Calibration Solution [CS6]	0.2 mL in Nonane

All concentrations are in ng/mL (ppb)							
Unlabeled	IUPAC	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
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 (A isomer)		0.4	2	10	40	200	800
cis-Heptachlor epoxide (B isomer)		0.4	2	10	40	200	800
Mirex		0.4	2	10	40	200	800
α-BHC (α-HCH)		0.4	2	10	40	200	800
β-BHC (β-HCH)		0.4	2	10	40	200	800
Lindane (γ-BHC) (γ-HCH)		0.4	2	10	40	200	800
δ-BHC (δ-HCH)		0.4	2	10	40	200	800
Labeled							
Hexachlorobenzene (¹³ C ₆ ,99%)		20	20	20	20	20	20
Aldrin (¹³ C ₁₂ ,99%)		20	20	20	20	20	20
Dieldrin (¹³ C ₁₂ ,99%)		20	20	20	20	20	20
Endrin (¹³ C ₁₂ ,99%)		20	20	20	20	20	20
4,4'-DDT (¹³ C ₁₂ ,99%)		20	20	20	20	20	20
4,4'-DDE (¹³ C ₁₂ ,99%)		20	20	20	20	20	20
4,4'-DDD (¹³ C ₁₂ ,99%)		20	20	20	20	20	20
2,4'-DDT (¹³ C ₁₂ ,99%)		20	20	20	20	20	20
2,4'-DDE (¹³ C ₁₂ ,99%)		20	20	20	20	20	20
2,4'-DDD (¹³ C ₁₂ ,99%)		20	20	20	20	20	20
trans-Chlordane (γ) (¹³ C ₁₀ ,99%)		20	20	20	20	20	20
trans-Nonachlor (¹³ C ₁₀ ,99%)		20	20	20	20	20	20
cis-Nonachlor (¹³ C ₁₀ ,99%)		20	20	20	20	20	20
Oxychlordane (¹³ C ₁₀ ,99%)		20	20	20	20	20	20
Heptachlor (¹³ C ₁₀ ,99%)		20	20	20	20	20	20
cis-Heptachlor epoxide (B isomer) (¹³ C ₁₀ ,99%)		20	20	20	20	20	20
Mirex (¹³ C ₁₀ ,99%)		20	20	20	20	20	20
α-BHC (α-HCH) (¹³ C ₆ ,99%)		20	20	20	20	20	20
β-BHC (β-HCH) (¹³ C ₆ ,99%)		20	20	20	20	20	20
Lindane (γ-BHC) (γ-HCH) (¹³ C ₆ ,99%)		20	20	20	20	20	20
δ-BHC (δ-HCH) (¹³ C ₆ ,99%)		20	20	20	20	20	20
4,4'-DiCB (¹³ C ₁₂ ,99%)	15	20	20	20	20	20	20
2,3',4',5-TetraCB (¹³ C ₁₂ ,99%)	70	20	20	20	20	20	20

Pesticide Standard Mixtures

Catalog #	Compound	Amount
NEW ES-5349	POPs Pesticides HRMS Cleanup Spike	1.2 mL in Nonane
NEW ES-5349-L	POPs Pesticides LRMS Cleanup Spike	0.5 mL in Nonane
NEW ES-5400	POPs Cleanup Spike	1.2 mL in Nonane

	ES-5349 (ng/mL)	ES-5349-L (ng/mL)	ES-5400 (ng/mL)
Labeled			
Hexachlorobenzene ($^{13}\text{C}_6$, 99%)	100	1000	200
Aldrin ($^{13}\text{C}_{12}$, 99%)	100	1000	200
Dieldrin ($^{13}\text{C}_{12}$, 99%)	100	1000	200
Endrin ($^{13}\text{C}_{12}$, 99%)	100	1000	200
4,4'-DDT ($^{13}\text{C}_{12}$, 99%)	100	1000	200
4,4'-DDE ($^{13}\text{C}_{12}$, 99%)	100	1000	200
4,4'-DDD ($^{13}\text{C}_{12}$, 99%)	100	1000	200
2,4'-DDT ($^{13}\text{C}_{12}$, 99%)	100	1000	200
2,4'-DDE ($^{13}\text{C}_{12}$, 99%)	100	1000	200
2,4'-DDD ($^{13}\text{C}_{12}$, 99%)	100	1000	200
trans-Chlordane (γ) ($^{13}\text{C}_{10}$, 99%)	100	1000	200
trans-Nonachlor ($^{13}\text{C}_{10}$, 99%)	100	1000	200
cis-Nonachlor ($^{13}\text{C}_{10}$, 99%)	100	1000	200
Oxychlordane ($^{13}\text{C}_{10}$, 99%)	100	1000	200
Heptachlor ($^{13}\text{C}_{10}$, 99%)	100	1000	200
cis-Heptachlor epoxide (B isomer) ($^{13}\text{C}_{10}$, 99%)	100	1000	200
Mirex ($^{13}\text{C}_{10}$, 99%)	100	1000	200
α -BHC (α -HCH) ($^{13}\text{C}_6$, 99%)	100	1000	200
β -BHC (β -HCH) ($^{13}\text{C}_6$, 99%)	100	1000	200
Lindane (γ -BHC) (γ -HCH) ($^{13}\text{C}_6$, 99%)	100	1000	200
δ -BHC (δ -HCH) ($^{13}\text{C}_6$, 99%)	100	1000	200

NEW ES-5399	POPs PAR Solution	1.2 mL in Nonane
NEW ES-5399-10X-0.5	POPs PAR Solution (10X concentration)	0.5 mL in Nonane

	ES-5399	ES-5399-10X-0.5
Unlabeled		
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
trans-Chlordane (γ)	200	2000
cis-Chlordane (α)	200	2000
trans-Nonachlor	200	2000
cis-Nonachlor	200	2000
Oxychlordane	200	2000
Heptachlor	200	2000
trans-Heptachlor epoxide (A isomer)	200	2000
cis-Heptachlor epoxide (B isomer)	200	2000
Mirex	200	2000
α -BHC (α -HCH)	200	2000
β -BHC (β -HCH)	200	2000
Lindane (γ -BHC) (γ -HCH)	200	2000
δ -BHC (δ -HCH)	200	2000

NEW EC-5350	POPs Pesticides HRMS (PCB) Syringe Spike	See page 210
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Pesticide Standard Mixtures

Catalog #	Compound	Amount
NEW ES-5341	POPs Pesticides, non-Toxaphene, non-HCH Calibration Solutions [CS1-CS5]	Set of 5 x 0.2 mL in Nonane
NEW ES-5341-CS1	POPs Pesticides, non-Toxaphene, non-HCH Calibration Solution [CS1]	0.2 mL in Nonane
NEW ES-5341-CS2	POPs Pesticides, non-Toxaphene, non-HCH Calibration Solution [CS2]	0.2 mL in Nonane
NEW ES-5341-CS3	POPs Pesticides, non-Toxaphene, non-HCH Calibration Solution [CS3]	0.2 mL in Nonane
NEW ES-5341-CS4	POPs Pesticides, non-Toxaphene, non-HCH Calibration Solution [CS4]	0.2 mL in Nonane
NEW ES-5341-CS5	POPs Pesticides, non-Toxaphene, non-HCH Calibration Solution [CS5]	0.2 mL in Nonane

All concentrations are in ng/mL (ppb)

Unlabeled	CS1	CS2	CS3	CS4	CS5
Hexachlorobenzene	0.05	0.15	0.5	1.5	5
Aldrin	0.5	1.5	5	15	50
Dieldrin	0.1	0.3	1	3	10
Endrin	0.5	1.5	5	15	50
4,4'-DDT	0.5	1.5	5	15	50
4,4'-DDE	0.1	0.3	1	3	10
4,4'-DDD	0.5	1.5	5	15	50
2,4'-DDT	0.5	1.5	5	15	50
2,4'-DDE	0.1	0.3	1	3	10
2,4'-DDD	0.5	1.5	5	15	50
<i>trans</i> -Chlordane (γ)	0.05	0.15	0.5	1.5	5
<i>cis</i> -Chlordane (α)	0.05	0.15	0.5	1.5	5
<i>trans</i> -Nonachlor	0.05	0.15	0.5	1.5	5
<i>cis</i> -Nonachlor	0.05	0.15	0.5	1.5	5
Oxychlordane	0.5	1.5	5	15	50
Heptachlor	0.1	0.3	1	3	10
<i>trans</i> -Heptachlor Epoxide (A isomer)	0.1	0.3	1	3	10
<i>cis</i> -Heptachlor Epoxide (B isomer)	0.1	0.3	1	3	10
Mirex	0.1	0.3	1	3	10
Labeled					
Hexachlorobenzene ($^{13}\text{C}_6, 99\%$)	1	1	1	1	1
Aldrin ($^{13}\text{C}_{12}, 99\%$)	10	10	10	10	10
Dieldrin ($^{13}\text{C}_{12}, 99\%$)	2	2	2	2	2
Endrin ($^{13}\text{C}_{12}, 99\%$)	10	10	10	10	10
4,4'-DDT ($^{13}\text{C}_{12}, 99\%$)	10	10	10	10	10
4,4'-DDE ($^{13}\text{C}_{12}, 99\%$)	2	2	2	2	2
4,4'-DDD ($^{13}\text{C}_{12}, 99\%$)	10	10	10	10	10
2,4'-DDT ($^{13}\text{C}_{12}, 99\%$)	10	10	10	10	10
2,4'-DDE ($^{13}\text{C}_{12}, 99\%$)	2	2	2	2	2
2,4'-DDD ($^{13}\text{C}_{12}, 99\%$)	10	10	10	10	10
<i>trans</i> -Chlordane (γ) ($^{13}\text{C}_{10}, 99\%$)	1	1	1	1	1
<i>trans</i> -Nonachlor ($^{13}\text{C}_{10}, 99\%$)	1	1	1	1	1
<i>cis</i> -Nonachlor ($^{13}\text{C}_{10}, 99\%$)	1	1	1	1	1
Oxychlordane ($^{13}\text{C}_{10}, 99\%$)	10	10	10	10	10
Heptachlor ($^{13}\text{C}_{10}, 99\%$)	2	2	2	2	2
<i>cis</i> -Heptachlor epoxide (B isomer) ($^{13}\text{C}_{10}, 99\%$)	2	2	2	2	2
Mirex ($^{13}\text{C}_{10}, 99\%$)	2	2	2	2	2

Pesticide Standard Mixtures

Catalog #	Compound	Amount
NEW ES-5342	POPs Pesticides, non-Toxaphene, non-HCH HRMS Cleanup Spike	1.2 mL in Nonane

Labeled	(ng/mL)
Hexachlorobenzene ($^{13}\text{C}_6, 99\%$)	10
Aldrin ($^{13}\text{C}_{12}, 99\%$)	100
Dieldrin ($^{13}\text{C}_{12}, 99\%$)	20
Endrin ($^{13}\text{C}_{12}, 99\%$)	100
4,4'-DDT ($^{13}\text{C}_{12}, 99\%$)	100
4,4'-DDE ($^{13}\text{C}_{12}, 99\%$)	20
4,4'-DDD ($^{13}\text{C}_{12}, 99\%$)	100
2,4'-DDT ($^{13}\text{C}_{12}, 99\%$)	100
2,4'-DDE ($^{13}\text{C}_{12}, 99\%$)	20
2,4'-DDD ($^{13}\text{C}_{12}, 99\%$)	100
trans-Chlordane (γ) ($^{13}\text{C}_{10}, 99\%$)	10
trans-Nonachlor ($^{13}\text{C}_{10}, 99\%$)	10
cis-Nonachlor ($^{13}\text{C}_{10}, 99\%$)	10
Oxychlordane ($^{13}\text{C}_{10}, 99\%$)	100
Heptachlor ($^{13}\text{C}_{10}, 99\%$)	20
cis-Heptachlor epoxide (B isomer) ($^{13}\text{C}_{10}, 99\%$)	20
Mirex ($^{13}\text{C}_{10}, 99\%$)	20

NEW ES-5343	POPs HRMS HCH Calibration Solutions [CS1-CS5]	Set of 5 x 0.2 mL in Nonane
NEW ES-5343-CS1	POPs HRMS HCH Calibration Solution [CS1]	0.2 mL in Nonane
NEW ES-5343-CS2	POPs HRMS HCH Calibration Solution [CS2]	0.2 mL in Nonane
NEW ES-5343-CS3	POPs HRMS HCH Calibration Solution [CS3]	0.2 mL in Nonane
NEW ES-5343-CS4	POPs HRMS HCH Calibration Solution [CS4]	0.2 mL in Nonane
NEW ES-5343-CS5	POPs HRMS HCH Calibration Solution [CS5]	0.2 mL in Nonane

	All concentrations are in ng/mL (ppb)				
Unlabeled	CS1	CS2	CS3	CS4	CS5
α -BHC (α -HCH)	0.1	0.3	1	3	10
β -BHC (β -HCH)	0.1	0.3	1	3	10
Lindane (γ -BHC) (γ -HCH)	0.1	0.3	1	3	10
δ -BHC (δ -HCH)	0.1	0.3	1	3	10
Labeled					
α -BHC (α -HCH) ($^{13}\text{C}_6, 99\%$)	2	2	2	2	2
β -BHC (β -HCH) ($^{13}\text{C}_6, 99\%$)	2	2	2	2	2
Lindane (γ -BHC) (γ -HCH) ($^{13}\text{C}_6, 99\%$)	2	2	2	2	2
δ -BHC (δ -HCH) ($^{13}\text{C}_6, 99\%$)	2	2	2	2	2

NEW ES-5344	POPs HRMS HCH Cleanup Spike	1.2 mL in Nonane
NEW ES-5344-50X-0.5	POPs HRMS HCH Cleanup Spike	0.5 mL in Nonane

Labeled	ES-5344	ES-5344-50X-0.5
α -BHC (α -HCH) ($^{13}\text{C}_6, 99\%$)	20	1000
β -BHC (β -HCH) ($^{13}\text{C}_6, 99\%$)	20	1000
Lindane (γ -BHC) (γ -HCH) ($^{13}\text{C}_6, 99\%$)	20	1000
δ -BHC (δ -HCH) ($^{13}\text{C}_6, 99\%$)	20	1000

Pesticide Standard Mixtures

	Catalog #	Compound	Amount
NEW	ES-5019-A	Persistent Pesticide Calibration Solutions [CS1-CS10]	Set of 10 x 0.25 mL in Nonane
NEW	ES-5019-A-CS1-8	Persistent Pesticide Calibration Solutions [CS1-CS8]	Set of 8 x 0.25 mL in Nonane
NEW	ES-5019-A-CS9-10	Persistent Pesticide Calibration Solutions [CS9-CS10]	Set of 2 x 0.25 mL in Nonane

All concentrations are in ng/mL (ppb)

Unlabeled	IUPAC	CS1	CS2	CS3	CS4	CS5	CS6	CS7	CS8	CS9	CS10
Hexachlorobenzene		1.0	2.5	10	35	100	300	500	1000		
β -BHC (β -HCH)		1.0	2.5	10	35	100	300	500	1000		
Lindane		1.0	2.5	10	35	100	300	500	1000		
cis-Heptachlor epoxide (A isomer)		1.0	2.5	10	35	100	300	500	1000		
Oxychlorthane		1.0	2.5	10	35	100	300	500	1000		
trans-Nonachlor		1.0	2.5	10	35	100	300	500	1000		
4,4'-DDE		1.0	2.5	10	35	100	300	500	1000	3000	6000
Dieldrin		1.0	2.5	10	35	100	300	500	1000		
2,4'-DDT		1.0	2.5	10	35	100	300	500	1000	3000	6000
4,4'-DDT		1.0	2.5	10	35	100	300	500	1000		
Mirex		1.0	2.5	10	35	100	300	500	1000		
Dechlorane Plus <i>syn</i>		1.0	2.5	10	35	100	300	500	1000		
Dechlorane Plus <i>anti</i>		1.0	2.5	10	35	100	300	500	1000		
Labeled											
Hexachlorobenzene ($^{13}\text{C}_6, 99\%$)		75	75	75	75	75	75	75	75	75	75
Dieldrin ($^{13}\text{C}_{12}, 99\%$)		75	75	75	75	75	75	75	75	75	75
β -BHC (β -HCH) ($^{13}\text{C}_6, 99\%$)		75	75	75	75	75	75	75	75	75	75
Lindane ($^{13}\text{C}_6, 99\%$)		75	75	75	75	75	75	75	75	75	75
cis-Heptachlor epoxide (B isomer) ($^{13}\text{C}_{10}, 99\%$)		75	75	75	75	75	75	75	75	75	75
Oxychlorthane ($^{13}\text{C}_{10}, 99\%$)		75	75	75	75	75	75	75	75	75	75
trans-Nonachlor ($^{13}\text{C}_{10}, 99\%$)		75	75	75	75	75	75	75	75	75	75
Mirex ($^{13}\text{C}_{10}, 99\%$)		75	75	75	75	75	75	75	75	75	75
2,4'-DDT ($^{13}\text{C}_{12}, 99\%$)		75	75	75	75	75	75	75	75	75	75
4,4'-DDT ($^{13}\text{C}_{12}, 99\%$)		75	75	75	75	75	75	75	75	75	75
4,4'-DDE ($^{13}\text{C}_{12}, 99\%$)		150	150	150	150	150	150	150	150	150	150
1,2,3,4-TCDD ($^{13}\text{C}_6, 99\%$)		25	25	25	25	25	25	25	25	25	25
2,2',3,3',4,5,5',6,6'-NonaCB ($^{13}\text{C}_{12}, 99\%$)	208	100	100	100	100	100	100	100	100	100	100
3,3',4,4'-TetraBDE ($^{13}\text{C}_{12}, 99\%$)	77	75	75	75	75	75	75	75	75	75	75
2,2',3,4,4',6-HexaBDE ($^{13}\text{C}_{12}, 99\%$)	139	75	75	75	75	75	75	75	75	75	75

ES-5020	Persistent Pesticide Reconstituting Solution	10 x 1 mL in Nonane
ES-5020-1ML	Persistent Pesticide Reconstituting Solution	1 mL in Nonane

Labeled	IUPAC	(ng/mL)
3,4,4'-TriCB ($^{13}\text{C}_{12}, 99\%$)	37	100
2,2',3,3',4,5,5',6,6'-NonaCB ($^{13}\text{C}_{12}, 99\%$)	208	100
1,2,3,4-TCDD ($^{13}\text{C}_6, 99\%$)		25
2,3,7,8-TCDD ($^{13}\text{C}_{12}, 99\%$)		25

NEW	ES-5321	Multi-Analyte Recovery Spiking Standard	10 mL in 88% Hexane/ 2% Dodecane/10% Nonane
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Labeled		
1,2,3,4-TCDD ($^{13}\text{C}_6, 99\%$)		2.5
2,2',3,3',4,5,5',6,6'-NonaCB ($^{13}\text{C}_{12}, 99\%$)	208	10
3,3',4,4'-TetraBDE ($^{13}\text{C}_{12}, 99\%$)	77	7.5
2,2',3,4,4',6-HexaBDE ($^{13}\text{C}_{12}, 99\%$)	139	7.5

Pesticide Standard Mixtures

Catalog #	Compound	Amount
ES-5021	Persistent Pesticide Spiking Solution	2.5 mL in Nonane

Labeled	(ng/mL)
Hexachlorobenzene (¹³ C ₆ ,99%)	100
Dieldrin (¹³ C ₁₂ ,99%)	100
β-HCH (¹³ C ₆ ,99%)	100
Lindane (γ-HCH) (¹³ C ₆ ,99%)	100
cis-Heptachlor epoxide (B isomer) (¹³ C ₁₀ ,99%)	100
Oxychlordane (¹³ C ₁₀ ,99%)	100
trans-Nonachlor (¹³ C ₁₀ ,99%)	100
Mirex (¹³ C ₁₀ ,99%)	100
2,4'-DDT (¹³ C ₁₂ ,99%)	100
4,4'-DDT (¹³ C ₁₂ ,99%)	100
4,4'-DDE (¹³ C ₁₂ ,99%)	250

NEW	ES-5177-500X-N-0.5	Persistent Pesticide Spiking Solution	0.5 mL in Nonane
NEW	ES-5177-5X10	Persistent Pesticide Spiking Solution	5 x 10 mL in Nonane

Labeled	ES-5177-500X-N-0.5	ES-5177-5X10
Hexachlorobenzene (¹³ C ₆ ,99%)	5000	10
Dieldrin (¹³ C ₁₂ ,99%)	5000	10
β-HCH (¹³ C ₆ ,99%)	5000	10
Lindane (γ-HCH) (¹³ C ₆ ,99%)	5000	10
cis-Heptachlor epoxide (B isomer) (¹³ C ₁₀ ,99%)	5000	10
Oxychlordane (¹³ C ₁₀ ,99%)	5000	10
trans-Nonachlor (¹³ C ₁₀ ,99%)	5000	10
Mirex (¹³ C ₁₀ ,99%)	5000	10
2,4'-DDT (¹³ C ₁₂ ,99%)	5000	10
4,4'-DDT (¹³ C ₁₂ ,99%)	5000	10
4,4'-DDE (¹³ C ₁₂ ,99%)	12,500	25

ES-5261-1.2	Persistent Organic Pollutants Cleanup Spike	1.2 mL in Nonane
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Labeled	
Hexachlorobenzene (¹³ C ₆ ,99%)	1000
α-HCH (¹³ C ₆ ,99%)	1000
β-HCH (¹³ C ₆ ,99%)	1000
Lindane (γ-HCH) (¹³ C ₆ ,99%)	1000
Aldrin (¹³ C ₁₂ ,99%)	1000
Dieldrin (¹³ C ₁₂ ,99%)	1000
Endrin (¹³ C ₁₂ ,99%)	1000
trans-Chlordane (γ) (¹³ C ₁₀ ,99%)	1000
Oxychlordane (¹³ C ₁₀ ,99%)	1000
trans-Nonachlor (¹³ C ₁₀ ,99%)	1000
Heptachlor (¹³ C ₁₀ ,99%)	1000
cis-Heptachlor epoxide (B isomer) (¹³ C ₁₀ ,99%)	1000
4,4'-DDT (ring- ¹³ C ₁₂ ,99%)	1000
4,4'-DDE (ring- ¹³ C ₁₂ ,99%)	1000
4,4'-DDD (ring- ¹³ C ₁₂ ,99%)	1000

Pesticide Standard Mixtures

Catalog #	Compound	Amount
NEW ES-5442	CDC POPS (W/ Parlars) Calibration Solutions [CS1-CS9]	Set of 9 x 0.2 mL in Nonane
NEW ES-5442-CS1	CDC POPS (W/ Parlars) Calibration Solution [CS1]	0.2 mL in Nonane
NEW ES-5442-CS2	CDC POPS (W/ Parlars) Calibration Solution [CS2]	0.2 mL in Nonane
NEW ES-5442-CS3	CDC POPS (W/ Parlars) Calibration Solution [CS3]	0.2 mL in Nonane
NEW ES-5442-CS4	CDC POPS (W/ Parlars) Calibration Solution [CS4]	0.2 mL in Nonane
NEW ES-5442-CS5	CDC POPS (W/ Parlars) Calibration Solution [CS5]	0.2 mL in Nonane
NEW ES-5442-CS6	CDC POPS (W/ Parlars) Calibration Solution [CS6]	0.2 mL in Nonane
NEW ES-5442-CS7	CDC POPS (W/ Parlars) Calibration Solution [CS7]	0.2 mL in Nonane
NEW ES-5442-CS8	CDC POPS (W/ Parlars) Calibration Solution [CS8]	0.2 mL in Nonane
NEW ES-5442-CS9	CDC POPS (W/ Parlars) Calibration Solution [CS9]	0.2 mL in Nonane

All concentrations are in ng/mL (ppb)

Unlabeled	CS1	CS2	CS3	CS4	CS5	CS6	CS7	CS8	CS9
Parlar 26	2.5	5	10	30	100	300	1000		
Parlar 50	2.5	5	10	30	100	300	1000		
Parlar 62	2.5	5	10	30	100	300	1000		
Hexachlorobenzene	2.5	5	10	30	100	300	1000		
β-BHC (β-HCH)	2.5	5	10	30	100	300	1000		
Lindane	2.5	5	10	30	100	300	1000		
Aldrin	2.5	5	10	30	100	300	1000		
cis-Heptachlor epoxide (B isomer)	2.5	5	10	30	100	300	1000		
Oxychlordane	2.5	5	10	30	100	300	1000		
trans-Nonachlor	2.5	5	10	30	100	300	1000		
4,4'-DDE	0.2	0.5	1	2.5	10	75	1000	3000	7500
Dieldrin	2.5	5	10	30	100	300	1000		
Endrin	2.5	5	10	30	100	300	1000		
Isodrin	2.5	5	10	30	100	300	1000		
2,4'-DDT	2.5	5	10	30	100	300	1000	3000	7500
4,4'-DDT	2.5	5	10	30	100	300	1000		
Mirex	2.5	5	10	30	100	300	1000		
α-BHC (α-HCH)	2.5	5	10	30	100	300	1000		
cis-Chlordane (α)	2.5	5	10	30	100	300	1000		
trans-Chlordane (γ)	2.5	5	10	30	100	300	1000		
2,4'-DDE	2.5	5	10	30	100	300	1000		
cis-Nonachlor	2.5	5	10	30	100	300	1000		
Methoxychlor	2.5	5	10	30	100	300	1000		
Pentachloroanisole	2.5	5	10	30	100	300	1000		
Octachlorostyrene	2.5	5	10	30	100	300	1000		

Pesticide Standard Mixtures

(continued from previous page)

Labeled	IUPAC	CS1	CS2	CS3	CS4	CS5	CS6	CS7	CS8	CS9
All concentrations are in ng/mL (ppb)										
1,2,3,4-TCDD (¹³ C ₆ ,99%)		25	25	25	25	25	25	25	25	25
2,2',3,3',4,5,5',6,6'-NonaCB (¹³ C ₁₂ ,99%)	208	100	100	100	100	100	100	100	100	100
3,3',4,4'-TetraBDE (¹³ C ₁₂ ,99%)	77	75	75	75	75	75	75	75	75	75
2,2',3,4,4',6-HexaBDE (¹³ C ₁₂ ,99%)	139	75	75	75	75	75	75	75	75	75
Parlar 26 (U- ¹³ C ₁₀ ,99%)		75	75	75	75	75	75	75	75	75
Parlar 50 (U- ¹³ C ₁₀ ,99%)		75	75	75	75	75	75	75	75	75
Parlar 62 (U- ¹³ C ₁₀ ,99%)		75	75	75	75	75	75	75	75	75
Hexachlorobenzene (¹³ C ₆ ,99%)		75	75	75	75	75	75	75	75	75
β-HCH (¹³ C ₆ ,99%)		75	75	75	75	75	75	75	75	75
Lindane (¹³ C ₆ ,99%)		75	75	75	75	75	75	75	75	75
Aldrin (¹³ C ₁₂ ,99%)		75	75	75	75	75	75	75	75	75
cis-Heptachlor epoxide (B isomer) (¹³ C ₁₀ ,99%)		75	75	75	75	75	75	75	75	75
Oxychlorane (¹³ C ₁₀ ,99%)		75	75	75	75	75	75	75	75	75
trans-Nonachlor (¹³ C ₁₀ ,99%)		75	75	75	75	75	75	75	75	75
4,4'-DDE (¹³ C ₁₂ ,99%)	150	150	150	150	150	150	150	150	150	150
Dieldrin (¹³ C ₁₂ ,99%)		75	75	75	75	75	75	75	75	75
Endrin (¹³ C ₁₂ ,99%)		75	75	75	75	75	75	75	75	75
Isodrin (¹³ C ₁₂ ,99%)		75	75	75	75	75	75	75	75	75
2,4'-DDT (¹³ C ₁₂ ,99%)		75	75	75	75	75	75	75	75	75
4,4'-DDT (¹³ C ₁₂ ,99%)		75	75	75	75	75	75	75	75	75
Mirex (¹³ C ₁₀ ,99%)		75	75	75	75	75	75	75	75	75
α-HCH (¹³ C ₆ ,99%)		75	75	75	75	75	75	75	75	75
trans-Chlordane (γ) (¹³ C ₁₀ ,99%)		75	75	75	75	75	75	75	75	75
2,4'-DDE (¹³ C ₁₂ ,99%)		75	75	75	75	75	75	75	75	75
cis-Nonachlor (¹³ C ₁₀ ,99%)		75	75	75	75	75	75	75	75	75
Methoxychlor (¹³ C ₁₂ ,99%)		75	75	75	75	75	75	75	75	75
Pentachloroanisole (¹³ C ₆ ,99%)		75	75	75	75	75	75	75	75	75
Octachlorostyrene (¹³ C ₈ ,99%)		75	75	75	75	75	75	75	75	75

Chemical Weapon Metabolite Standards

Catalog #	Compound	Formula	Concentration	Amount
CDNLM-6786-1.2	Aminomethylphosphonic acid (AMPA) (¹³ C,99%, ¹⁵ N,98%, methylene-D ₂ ,98%)	*CH ₄ D ₂ *NO ₃ P	100 µg/mL in H ₂ O	1.2 mL
ERC-034	Cyclohexyl methylphosphonic acid (unlabeled)	C ₇ H ₁₅ O ₃ P	1000 µg/mL in Methanol	1.2 mL
ERD-117	O,O-Diethyl dithiophosphate, potassium salt (unlabeled)	C ₄ H ₁₀ KO ₂ PS	1000 µg/mL in Methanol	1.2 mL
NEW ERD-155	O,O-Dimethyl dithiophosphate, sodium salt (unlabeled)	C ₂ H ₆ NaO ₂ PS ₂	1000 µg/mL in Methanol	1.2 mL
ERD-118	Diethyl hydrogen phosphate (unlabeled)	C ₄ H ₁₁ O ₄ P	1000 µg/mL in Methanol	1.2 mL
DLM-4852-1.2	O,O-Diethyl thiophosphate, potassium salt (diethyl-D ₁₀ ,98%)	C ₄ D ₁₀ KO ₃ PS	100 µg/mL in Methanol	1.2 mL
ERD-119	O,O-Diethyl thiophosphate, potassium salt (unlabeled)	C ₄ H ₁₀ KO ₃ PS	1000 µg/mL in Methanol	1.2 mL
ERD-086	Diisopropyl methylphosphonate (D ₁₄ ,98%)	C ₇ H ₃ D ₁₄ O ₃ P	1000 µg/mL in Methanol	1.2 mL
ERD-083	Diisopropyl methylphosphonate (unlabeled)	C ₇ H ₁₇ O ₃ P	1000 µg/mL in Methanol	1.2 mL
ERD-121	Dimethyl hydrogen phosphate (unlabeled)	(CH ₃ O) ₂ P(O)OH	1000 µg/mL in Methanol	1.2 mL
ULM-4617-1.2	O,O-Dimethyl hydrogen thiophosphate (unlabeled)	C ₂ H ₆ NaO ₃ PS	1000 µg/mL in Methanol	1.2 mL
ULM-6089	O,S-Dimethyl thiophosphate, sodium salt (unlabeled)	C ₂ H ₆ NaO ₃ PS		Inquire
ERD-085	1,4-Dithiane (D ₄ ,98%)	C ₄ H ₄ D ₄ S ₂	1000 µg/mL in Methanol	1.2 mL
CLM-6090	Ethyl dimethylamidophosphate, sodium salt (¹³ C ₄ ,99%)	*C ₄ H ₁₁ NPO ₃ Na		Inquire
ULM-6091-1.2	Ethyl dimethylamidophosphate, sodium salt (unlabeled)	C ₄ H ₁₁ NO ₃ PNa	1000 µg/mL in Methanol	1.2 mL
DLM-6098-1.2	Ethyl hydrogen methylphosphonate (ethyl-D ₅ ,98%)	C ₃ H ₄ D ₅ O ₃ P	100 µg/mL in Methanol	1.2 mL
ERE-024	Ethyl methylphosphonic acid (unlabeled)	C ₃ H ₉ O ₃ P	1000 µg/mL in Methanol	1.2 mL
CLM-4868-1.2	1,2-Bis(2-hydroxyethyl thio) ethane (bis-2-hydroxyethyl- ¹³ C ₄ ,99%)	HO(*CH ₂) ₂ S(CH ₂) ₂ S(*CH ₂) ₂ OH	100 µg/mL in Acetonitrile	1.2 mL
CLM-4874-1.2	1,5-Bis(2-hydroxyethyl thio)-n-pentane (bis-2-hydroxyethyl- ¹³ C ₄ ,99%)	HO(*CH ₂) ₂ S(CH ₂) ₅ S(*CH ₂) ₂ OH	100 µg/mL in Acetonitrile	1.2 mL
CLM-4872-1.2	1,4-Bis(2-hydroxyethyl thio)-n-butane (bis-2-hydroxyethyl- ¹³ C ₄ ,99%)	HO(*CH ₂) ₂ S(CH ₂) ₄ S(*CH ₂) ₂ OH	100 µg/mL in Acetonitrile	1.2 mL
CLM-4864-1.2	Bis(2-hydroxyethyl thioethyl) ether (bis-2-hydroxyethyl- ¹³ C ₄ ,99%)	*C ₄ C ₄ H ₁₈ O ₃ S ₂	100 µg/mL in Acetonitrile	1.2 mL
CLM-4866-1.2	Bis(2-hydroxyethyl thio) methane (bis-2-hydroxyethyl- ¹³ C ₄ ,99%)	*C ₄ C ₁ H ₁₂ O ₂ S ₂	100 µg/mL in Acetonitrile	1.2 mL
CLM-4870-1.2	1,3-Bis(2-hydroxyethyl thio) propane (bis-2-hydroxyethyl- ¹³ C ₄ ,99%)	HO(*CH ₂) ₂ S(CH ₂) ₃ S(*CH ₂) ₂ OH	100 µg/mL in Acetonitrile	1.2 mL
NEW ERI-026	Isobutyl hydrogen methylphosphonate (unlabeled)	C ₅ H ₁₃ O ₃ P	1000 µg/mL in Methanol	1.2 mL
ERI-015	Isopropyl methylphosphonic acid (unlabeled)	C ₄ H ₁₁ O ₃ P	1000 µg/mL in Methanol	1.2 mL
ERI-017	Isopropyl methylphosphonic acid (D ₇ ,98%)	C ₄ H ₄ D ₇ O ₃ P	1000 µg/mL in Methanol	1.2 mL

Chemical Weapon Metabolite Standards

Catalog #	Compound	Formula	Concentration	Amount
DLM-6196-1.2	Methylphosphonic acid (methyl-D ₃ ,98%)	CD ₃ H ₂ O ₃ P	100 µg/mL in Methanol	1.2 mL
CDLM-6100-1.2	Methylphosphonic acid (¹³ C,99%;methyl-D ₃ ,98%)	*CD ₃ H ₂ O ₃ P	100 µg/mL in Methanol	1.2 mL
ERM-038	Methylphosphonic acid (unlabeled)	CH ₃ O ₃ P	1000 µg/mL in Methanol	1.2 mL
ERP-083	Pinacolyl methylphosphonic acid (unlabeled)	C ₇ H ₁₇ O ₃ P	1000 µg/mL in Methanol	1.2 mL
ERQ-003	Quinuclidinyl benzilate (unlabeled)	C ₂₁ H ₂₃ NO ₃	1000 µg/mL in Acetonitrile	1.2 mL
CLM-6106-1.2	Ricinine (ring- ¹³ C ₅ ,99%;cyano- ¹³ C,99%)	C ₂ *C ₆ H ₈ N ₂ O ₂	100 µg/mL in Acetonitrile	1.2 mL
CLM-4806	Thiodiglycol (¹³ C ₄ ,99%)	S(*CH ₂ *CH ₂ OH) ₂		Inquire
ERT-054	Thiodiglycol (D ₈ ,98%)	C ₄ H ₂ D ₈ O ₂ S	1000 µg/mL in Methanol	1.2 mL
ERT-053	Thiodiglycol (unlabeled)	C ₄ H ₁₀ O ₂ S	1000 µg/mL in Methanol	1.2 mL
ERT-052	Thiodiglycol sulfoxide (unlabeled)	C ₄ H ₁₀ O ₃ S	1000 µg/mL in Methanol	1.2 mL
CLM-6620-1.2	1,2,2-Trimethylpropyl hydrogen methylphosphonate (Pinacolyl hydrogen methylphosphonate) (trimethylpropyl- ¹³ C ₆ ,99%)	*C ₆ CH ₁₇ O ₃ P	100 µg/mL in Methanol	1.2 mL