

## Neat Organic Reference Materials

### Compounds of Environmental Interest

ULTRA Scientific manufactures and stocks more than 1500 neat organic compounds of environmental interest. All of these materials are manufactured under ULTRA's ISO 9001 quality system. A certificate showing the purity of the compound is available for each standard.

Compound classes include:

- ✓ pesticides
- ✓ aliphatic hydrocarbons
- ✓ aromatic hydrocarbons
- ✓ polynuclear aromatic hydrocarbons (PAHs)
- ✓ heteronuclear aromatic hydrocarbons
- ✓ nitroaromatic hydrocarbons
- ✓ halogenated benzenes
- ✓ halogenated phenols and anisoles
- ✓ halogenated naphthalenes
- ✓ halogenated alkanes and alkenes
- ✓ chlorinated benzoic acids and anilines
- ✓ nitrosamines
- ✓ phthalates

In addition, ULTRA also catalogs a large selection of PCBs, dioxins, furans, and related compounds, as well as a selection of lipids, which may be found in separate sections of this catalog.



### Neat Reference Materials

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### Working With Small Quantities

When neat chemical standards are packaged in very small quantities (100 milligrams or less), the volume of chemical contained in the vial is very small compared to the size of the vial. For example, 5 milligrams of a liquid PCB occupies about 4.2 microliters of volume. Thus it is difficult to remove the material from the vial without wasting some of it.

To avoid this problem, ULTRA Scientific uses analytical balances and strict weigh tolerances to dispense these materials. The actual amount of material contained in the vial is never less than the stated value, nor more than 1% higher than the stated value. Thus, the analyst can simply rinse the material out of the vial using an appropriate solvent, and still be assured of the amount dispensed.

## QuEChERS Standards

### ○ SINGLE & MULTI ANALYTE, INTERNAL & QC STANDARDS

Increase throughput and reduce error by purchasing from 24 QuEChERS method-specific Internal & QC Standards in acetonitrile. These catalogued items are ready for immediate shipping!

QuEChERS streamlined

QuEChERS simplified

#### EN 15662 & Mini-Multiresidue

Product Name	[ ] µg/mL in Acetonitrile	Catalog #	Sale Unit
QuEChERS PCB 8 Standard	50	PPS-460X	1 x 5 mL
QuEChERS PCB 18 Standard	50	PPS-470X	1 x 5 mL
QuEChERS PCB 28 Standard	50	PPS-480X	1 x 5 mL
QuEChERS PCB 52 Standard	50	PPS-490X	1 x 5 mL
QuEChERS Triphenyl Phosphate Standard	20	PPS-500X	1 x 5 mL
QuEChERS Tris-(1,3-Dichloroisopropyl) Phosphate Standard	50	PPS-510X	1 x 5 mL
QuEChERS Triphenylmethane Standard	10	PPS-520X	1 x 5 mL
QuEChERS Bis-nitrophenyl Urea (Nicarbazin) Standard	10	PPS-530X	1 x 5 mL
QuEChERS IS Mixture #1	2 analytes		
Nicarbazin	10	PPS-604	4 x 1 mL
Tris(1,3-dichloroisopropyl) phosphate	50	PPS-604-1	1 x 1 mL
QuEChERS IS Mixture #2	2 analytes		
Triphenyl Phosphate	20	PPS-603X	1 x 5 mL
Tris(1,3-dichloroisopropyl) phosphate	50		
QuEChERS IS Mixture #3 (Concentrate)	3 analytes		
PCB 52, Tris(1,3-dichloroisopropyl) phosphate	5000	PPS-602	4 x 1 mL
Triphenylmethane	1000	PPS-602-1	1 x 1 mL
QuEChERS IS Mixture #4	4 analytes		
PCB 18, PCB 28, PCB 52, Tris(1,3-dichloroisopropyl) phosphate	50	PPS-601X	1 x 5 mL
QuEChERS IS Mixture #5	6 analytes		
PCB 18, PCB 28, PCB 52, Tris(1,3-dichloroisopropyl) phosphate	50	PPS-600X	1 x 5 mL
Triphenyl Phosphate	20		
Triphenylmethane	10		
QuEChERS PCB 138 QC Standard	50	PPS-560X	1 x 5 mL
QuEChERS PCB 153 QC Standard	50	PPS-570X	1 x 5 mL
QuEChERS Anthracene-d10 QC Standard	100	PPS-580X	1 x 5 mL
QuEChERS Anthracene QC Standard	100	PPS-590X	1 x 5 mL
QuEChERS QC Mixture #1	2 analytes		
PCB 138	50	PPS-620	4 x 1 mL
Anthracene-d10	100	PPS-620-1	1 x 1 mL
QuEChERS QC Mixture #2	2 analytes		
PCB 153	50	PPS-630X	1 x 5 mL
PCB 138	50		



#### ULTRA QuECh™ Responds

with precise formulations and method-specific configurations designed to further streamline laboratory processes, increase sample throughput and boost productivity.



**NEED A PESTICIDE STANDARD?**  
Choose from 1000+ Catalogued Pesticide Standards or Request a Custom Quote!

#### AOAC 2007.01

Product Name	[ ] µg/mL in Acetonitrile	Catalog #	Sale Unit
QuEChERS Triphenyl Phosphate Standard (Concentrate)	500	PPS-501	4 x 1 mL
QuEChERS Parathion-d10 Standard	40	PPS-501-X	1 x 1 mL
QuEChERS alpha-BHC-d6 Standard	40	PPS-540X	1 x 5 mL
QuEChERS IS Mixture #6	2 analytes		
alpha-BHC-d6 (alpha-HCH-d6), parathion-d10 (diethyl-d10)	20	PPS-610	4 x 1 mL
QuEChERS IS Mixture #7	2 analytes		
alpha-BHC-d6 (alpha-HCH-d6), parathion-d10 (diethyl-d10)	40	PPS-610-1	1 x 1 mL
		PPS-611	4 x 1 mL
		PPS-611-1	1 x 1 mL

## Pesticide Standards – Neat and in Solution

The customer speaks and we listen. Different laboratories have different requirements for pesticide solutions. So ULTRA created “catalog customs”, solutions tailored to your needs, but at catalog prices and with “off the shelf” shipping times. Available in ampules or CERTAN vials, you can have it packaged the way you need it, either for immediate use or for long-term storage.

For best results, analytical standards should be used immediately upon opening, and never transferred for use later. Should you need to store standards, the CERTAN bottle is the most secure, innovative package for that purpose.

Each component in a reference standard is pre-analyzed, and the solvents are of the highest quality available. Neat standards are shipped with a certificate showing the purity of the compound is available for each standard. Solution standards are gravimetrically prepared to a precision of  $\pm 0.5\%$ , and are shipped with a certificate showing the true concentration of the pesticide in the standard.



Can't find it here? See pages 320-339 for the complete line of Chem Service pesticides.

### Pesticides

95 - 99% Pure

Pesticide	CAS #	Catalog #	Unit Size	Price
AAtrex	<i>see Atrazine</i>			
Abamectin	71751-41-2	PST-1870 *		
Abate ( <i>Temephos</i> )	3383-96-8	PST-1875 *		
AC 26691	<i>see Cythioate</i>			
Acarben	<i>see Chlorobenzilate</i>			
Acephate	30560-19-1	PST-1210	100 mg	***
Acetochlor	34256-82-1	PST-1880 *		
Acifluorfen	50594-66-6	PST-1755	100 mg	***
Aclonifen	74070-46-5	PST-2055 *		
Acrinathrin	101007-06-1	PST-2060 *		
Alachlor ( <i>Lasso</i> )	15972-60-8	PST-625	100 mg	***
Aldicarb ( <i>Temik</i> )	116-06-3	PST-940	100 mg	***
Aldicarb sulfone ( <i>Aldoxycarb</i> )	1646-88-4	PST-1215	10 mg	***
Aldicarb sulfoxide	1646-87-3	PST-1760 *		
Aldrin ( <i>Octalene</i> )	309-00-2	PST-010	10 mg	***
Alkron	<i>see Parathion</i>			
Allethrin ( <i>Allyl cinerin</i> ) (tech)	584-79-2	PST-020	100 mg	***
Allidochlor ( <i>Randox</i> )	93-71-0	PST-867	100 mg	***
Allyl cinerin	<i>see Allethrin</i>			
Ametryn ( <i>EVIK</i> )	834-12-8	PST-024	100 mg	***
Amiben	<i>see Chloramben</i>			
Aminocarb ( <i>Matacil</i> )	2032-59-9	PST-660	100 mg	***
Amitraz	33089-61-1	PST-1895 *		
Amitrole ( <i>Amizol</i> )	61-82-5	PST-030	100 mg	***
Amizol	<i>see Amitrole</i>			
Aprocarb	<i>see Propoxur</i>			
Arathane	<i>see Dinocap</i>			
Aramite (total)	140-57-8	PST-2750 *		
Aspon	3244-90-4	PST-2755 *		
Asana	66230-04-4	PST-1900 *		
Atraton	1610-17-9	PST-1220	25 mg	***
Atrazine ( <i>AAtrex</i> )	1912-24-9	PST-005	100 mg	***

\* Available as solution only. See page 304 for ordering instructions.

## Pesticide Standards – Neat and in Solution

ULTRA now offers more options for pesticide solutions. Search our webpage by component!

Pesticides			95 - 99% Pure		
Pesticide	CAS #	Catalog #	Neat Pesticides		
			Unit Size	Price	
Avadex	see Diallylate				
Avolin	see Dimethyl phthalate				
Azaconazole	60207-31-0	PST-2065 *			
Azinphos-methyl ( <i>Guthion</i> )	86-50-0	PST-560	100 mg	***	
Aziprotryne	4658-28-0	PST-2760 *			
Azinphos-ethyl ( <i>Guthion Ethyl</i> )	2642-71-9	PST-1225	25 mg	***	
Azodrin	see Monocrotophos				
Azolamide	30979-48-7	PST-2765 *			
Azoxystrobin	131860-33-8	PST-1905 *			
Banvel D	see Dicamba				
Barban	101-27-9	PST-1230	100 mg	***	
Basudin	see Diazinon				
Baycor ( <i>Bitertanol</i> )	55179-31-2	PST-2070 *			
Baygon	see Propoxur				
Baytex	see Fenthion				
Baythroid	68359-37-5	PST-1910 *			
Beam	see Tricyclazole				
Benalaxyl	71626-11-4	PST-2075 *			
Benazolin	3813-05-6	PST-2770 *			
Bendiocarb	22781-23-3	PST-1235	100 mg	***	
Benefin ( <i>Benfluralin</i> )	1861-40-1	PST-1240	100 mg	***	
Benfluralin	see Benefin				
Benfuracarb	82560-54-1	PST-2775 *			
Benodanil	15310-01-7	PST-2780 *			
Benomyl	17804-35-2	PST-1245	25 mg	***	
Benoxacor	98730-04-2	PST-2785 *			
Bensulfuron-methyl	83055-99-6	PST-2790 *			
Bensulide	741-58-2	PST-1250	25 mg	***	
Bentazon	25057-89-0	PST-1255	100 mg	***	
Benzoimate	29104-30-1	PST-2795 *			
Benzoylprop ethyl	22212-55-1	PST-1260	10 mg	***	
Benzthiazuron	1929-88-0	PST-2800 *			
BHC-mix (tech)	608-73-1	PST-070	100 mg	***	
$\alpha$ -BHC ( $\alpha$ -HCH)	319-84-6	PST-071	10 mg	***	
$\beta$ -BHC ( $\beta$ -HCH)	319-85-7	PST-072	10 mg	***	
$\delta$ -BHC ( $\delta$ -HCH)	319-86-8	PST-073	10 mg	***	
<i>g</i> -BHC	see Lindane				
Bifenoxy	42576-02-3	PST-2805 *			
Bifenthrin	82657-04-3	PST-1915 *			
Bioallethrin	584-79-2	PST-2080 *			
Bioresmethrin	28434-01-7	PST-2650 *			
Bitertanol	see Baycor				
Botran	see Dichloran				
Bromacil	314-40-9	PST-1265	100 mg	***	
Bromadiolone	28772-56-7	PST-1270	10 mg	***	
Brominil	see Bromoxynil				
Bromofume	see EDB				
Bromophos-ethyl	4824-78-6	PST-2085 *			
Bromophos-methyl	2104-96-3	PST-2815 *			
Bromopropylate	18181-80-1	PST-2090 *			

\* Available as solution only. Please call Customer Service or search online for solvent and concentration availability.

## Pesticide Standards – Neat and in Solution

Can't find it here? See pages 320-339 for the complete line of Chem Service pesticides.

Pesticides			95 - 99% Pure	
Pesticide	CAS #	Catalog #	Neat Pesticides	
			Unit Size	Price
<b>Bromoxynil (Brominil)</b>	1689-84-5	PST-1050	100 mg	***
<b>Bromoxynil octanoate</b>	1689-99-2	PST-2820 *		
<b>Bromuconazole</b>	116255-48-2	PST-2095 *		
<b>Bupirimate</b>	41483-43-6	PST-2100 *		
<b>Buprofezin</b>	69327-76-0	PST-2105 *		
<b>Butachlor</b>	23184-66-9	PST-1275	100 mg	***
<i>Butacide</i>	<i>see Piperonyl butoxide</i>			
<b>Butocarboxim</b>	34681-10-2	PST-2825 *		
<b>Butralin</b>	33269-47-9	PST-2830 *		
<b>Buturon</b>	3766-60-7	PST-2835 *		
<b>Butylate</b>	2008-41-5	PST-1280	100 mg	***
<b>Carbetamide</b>	16118-49-3	PST-2840 *		
<i>Caparol</i>	<i>see Prometryn</i>			
<b>Captafol (Difolatan)</b>	2425-06-1	PST-410	100 mg	***
<b>Captan (Orthocide 406)</b>	133-06-2	PST-090	100 mg	***
<b>Carbaryl (Sevin)</b>	63-25-2	PST-100	100 mg	***
<b>Carbendazim</b>	10605-21-7	PST-1285	25 mg	***
<b>Carbofuran (Furadan)</b>	1563-66-2	PST-1295	100 mg	***
<b>Carbophenothion (Trithion)</b>	786-19-6	PST-990	100 mg	***
<i>Carbophos</i>	<i>see Malathion</i>			
<b>Carbosulfan</b>	55285-14-8	PST-2655 *		
<b>Carboxin</b>	5234-68-4	PST-1305	100 mg	***
<b>Chinomethionate (Quinomethionate)</b>	2439-01-2	PST-2845 *		
<b>Chloramben (Amiben)</b>	133-90-4	PST-025	100 mg	***
<b>Chlorbenside</b>	103-17-3	PST-2850 *		
<b>Chlorbromuron</b>	13360-45-7	PST-2110 *		
<b>Chlorbufam</b>	1967-16-4	PST-2115 *		
<b>Chlordimeform</b>	6164-98-3	PST-2855 *		
<b>Chlorfenprop-methyl</b>	14437-17-3	PST-2860 *		
<b>Chloridazon</b>	1698-60-8	PST-2125 *		
<b>Chlorimuron ethyl</b>	90982-32-4	PST-1920 *		
<b>Chlordane (Octachlor) (tech)</b>	57-74-9	PST-110	100 mg	***
<b>α-Chlordane (cis-Chlordane)</b>	5103-71-9	PST-111	10 mg	***
<b>γ-Chlordane (trans-Chlordane)</b>	5103-74-2	PST-112	10 mg	***
<i>Chlordecone</i>	<i>see Kepone</i>			
<b>Chlordene</b>	3734-48-3	PST-1310	25 mg	***
<b>Chlorfenapyr</b>	122453-73-0	PST-2120 *		
<i>Chlorfenson</i>	<i>see Ovex</i>			
<b>Chlorfenvinphos</b>	470-90-6	PST-1325	25 mg	***
<b>Chlormephos</b>	24934-91-6	PST-2865 *		
<b>Chlormequat chloride</b>	999-81-5	PST-2870 *		
<b>Chlorobenzilate (Acarben)</b>	510-15-6	PST-120	100 mg	***
<b>Chloroneb</b>	2675-77-6	PST-1330	100 mg	***
<i>Chlorophos</i>	<i>see Trichlorfon</i>			
<b>Chloropicrin</b>	76-06-2	PST-1335	100 mg	***
<b>Chloropropylate</b>	5836-10-2	PST-2660 *		
<b>Chlorothalonil</b>	1897-45-6	PST-1340	100 mg	***
<b>Chlorotoluron</b>	15545-48-9	PST-2130 *		
<b>Chloroxuron</b>	1982-47-4	PST-2135 *		
<b>Chlorpropham</b>	101-21-3	PST-1345	100 mg	***

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## Pesticide Standards – Neat and in Solution

ULTRA now offers more options for pesticide solutions. Search our webpage by component!

Pesticides			95 - 99% Pure		
Pesticide	CAS #	Catalog #	Neat Pesticides		
			Unit Size	Price	
Chlorsulfuron	64902-72-3	PST-2875 *			
Chlorthiamid	1918-13-4	PST-2880 *			
Chlorthion	500-28-7	PST-2885 *			
Chlorpyrifos ( <i>Dursban</i> )	2921-88-2	PST-480	100 mg	***	
Chlorpyrifos methyl	5598-13-0	PST-1350	100 mg	***	
Chlozolate	72391-46-9	PST-2890 *			
Clethodim	99129-21-2	PST-1925 *			
Clofentezine	74115-24-5	PST-2145 *			
Clomazone ( <i>Command</i> )	81777-89-1	PST-2900 *			
<i>Clopyralid</i>	<i>see Lontrel</i>				
<i>Co-Ral</i>	<i>see Coumaphos</i>				
<i>Coumaphene</i>	<i>see Warfarin</i>				
Coumaphos ( <i>Co-Ral</i> )	56-72-4	PST-130	100 mg	***	
Crimidine	535-89-7	PST-2905 *			
Crotoxyphos	7700-17-6	PST-1355	5 mg	***	
Crufomate ( <i>Ruelene</i> ) (93+%)	299-86-5	PST-900	100 mg	***	
Cyanazine	21725-46-2	PST-1360	100 mg	***	
Cyanofenphos	13067-93-1	PST-2910 *			
Cyanophos	2636-26-2	PST-2915 *			
Cycloate	1134-23-3	PST-1365	100 mg	***	
Cycloheximide	66-81-9	PST-1930 *			
2-cyclohexyl-4,6-dinitrophenol	317-83-9	PST-2725 *			
Cycluron	2163-69-1	PST-2920 *			
<i>Cygon</i>	<i>see Dimethoate</i>				
<i>lambda</i> -Cyhalothrin	91465-08-6	PST-1990 *			
Cymoxanil	57966-95-7	PST-2925 *			
$\alpha$ -Cypermethrin	67375-30-8	PST-1890 *			
Cypermethrin ( <i>Methyl Dursban</i> )	52315-07-8	PST-1370	25 mg	***	
Cyproconazole	94361-06-5	PST-2150 *			
Cyprodinil	121552-61-2	PST-2155 *			
Cyromazine	66215-27-8	PST-1935 *			
Cythioate ( <i>AC 26691</i> )	115-93-5	PST-1380	100 mg	***	
<i>Cythion</i>	<i>see Malathion</i>				
2,4-D	94-75-7	PST-140	100 mg	***	
2,4-D butyl ester	94-80-4	PST-2720 *			
2,4-D, methyl ester	1928-38-7	PST-150	100 mg	***	
<i>Dacthal</i>	<i>see DCPA</i>				
<i>Dalf</i>	<i>see Methyl parathion</i>				
Dalapon ( <i>Dowpon</i> )	75-99-0	PST-170	100 mg	***	
Dalapon Methyl Ester	17640-02-7	PST-171	10 mg	***	
<i>DATC</i>	<i>see Diallate</i>				
Dazomet	533-74-4	PST-2930 *			
2,4-DB	94-82-6	PST-1170	100 mg	***	
2,4-DB Methyl Ester	18625-12-2	PST-1171 *			
DBCP ( <i>Fumazone</i> )	96-12-8	PST-180	100 mg	***	
<i>DCNA</i>	<i>see Dichloran</i>				
DCPA ( <i>Dacthal</i> )	1861-32-1	PST-160	100 mg	***	
DDA	83-05-6	PST-200	100 mg	***	
2,4'-DDD ( <i>o,p'</i> -DDD)	53-19-0	PST-210	100 mg	***	
4,4'-DDD ( <i>p,p'</i> -DDD)	72-54-8	PST-220	100 mg	***	

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Pesticides			95 - 99% Pure	
Pesticide	CAS #	Catalog #	Neat Pesticides	
			Unit Size	Price
<b>2,4'-DDE (o,p'-DDE)</b>	3424-82-6	PST-241	10 mg	***
<b>4,4'-DDE (p,p'-DDE)</b>	72-55-9	PST-250	100 mg	***
<b>4,4'-DDMU</b>	1022-22-6	PST-2740 *		
<b>DDT-mix (tech)</b>	50-29-3	PST-260	100 mg	***
<b>2,4'-DDT (o,p'-DDT)</b>	789-02-6	PST-271	10 mg	***
<b>4,4'-DDT (p,p'-DDT)</b>	50-29-3	PST-280	100 mg	***
<i>DDVP</i>	<i>see Dichlorvos</i>			
<i>Decamethrin</i>	<i>see Deltamethrin</i>			
<b>Deet</b>	134-62-3	PST-298	100 mg	***
<b>DEF (94+%)</b>	78-48-8	PST-300	100 mg	***
<i>Delnav</i>	<i>see Dioxathion</i>			
<b>Deltamethrin (Decamethrin)</b>	52918-63-5	PST-1385	25 mg	***
<b>Demeton (Systox)</b>	8065-48-3	PST-920 *		
<b>Demeton S</b>	126-75-0	PST-1940 *		
<i>Demeton S-Methyl</i>	<i>see Metasystox I</i>			
<b>Demeton S-Methyl Sulfone</b>	17040-19-6	PST-2665 *		
<b>Desmetryne</b>	1014-69-3	PST-2160 *		
<i>Devrinol</i>	<i>see Napropamide</i>			
<i>Dexon</i>	<i>see Fenaminsulf</i>			
<b>Dialifos</b>	10311-84-9	PST-2165 *		
<b>Diallate (Avadex)</b>	2303-16-4	PST-035	100 mg	***
<b>Diazinon (Basudin) (92+%)</b>	333-41-5	PST-320	100 mg	***
<b>Diazinon-O-analog</b>	962-58-3	PST-2935 *		
<i>Dibrom</i>	<i>see Naled</i>			
<b>Dibutyl chlorendate</b>	1770-80-5	PST-1160	50 mg	***
<b>Dicamba (Banvel D)</b>	1918-00-9	PST-050	100 mg	***
<b>Dicamba Methyl Ester</b>	6597-78-0	PST-051 *		
<b>Dicapthon (Dicaptan)</b>	2463-84-5	PST-1070	100 mg	***
<b>Dichlobenil</b>	1194-65-6	PST-2170 *		
<b>Dichlofenthion</b>	97-17-6	PST-1390	25 mg	***
<b>Dichlofluanid</b>	1085-98-9	PST-2175 *		
<b>Dichlone</b>	117-80-6	PST-1395	100 mg	***
<b>Dichloran (DCNA)</b>	99-30-9	PST-190	100 mg	***
<b>Dichlorobenzamide</b>	2008-58-4	PST-2180 *		
<b>Dichlorophen</b>	97-23-4	PST-2940 *		
<b>Dichlorprop (2,4-DP)</b>	120-36-5	PST-370	100 mg	***
<b>Dichlorprop methyl ester</b>	57153-17-0	PST-371	100 mg	***
<b>Dichlorvos (DDVP)</b>	62-73-7	PST-380	100 mg	***
<b>Diclobutrazol</b>	75736-33-3	PST-2945 *		
<b>Dicofol (Kelthane) (92+%)</b>	115-32-2	PST-391	100 mg	***
<b>Diclofop</b>	40843-25-2	PST-2950 *		
<b>Diclofop methyl</b>	51338-27-3	PST-2955 *		
<b>Dicrotophos</b>	141-66-2	PST-2960 *		
<b>Dieldrin (HEOD)</b>	60-57-1	PST-400	10 mg	***
<b>Dienochlor</b>	2227-17-0	PST-2965 *		
<b>Diethofencarb</b>	87130-20-9	PST-2185 *		
<b>Difenoconazole</b>	119446-68-3	PST-2190 *		
<b>Difenoxyuron</b>	14214-32-5	PST-2195 *		
<b>Diflubenzuron</b>	35367-38-5	PST-1400	25 mg	***
<b>Diflufenican</b>	83164-33-4	PST-2200 *		

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## Pesticide Standards – Neat and in Solution

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Pesticides		95 - 99% Pure		
Pesticide	CAS #	Catalog #	Neat Pesticides	
			Unit Size	Price
<i>Difolatan</i>	<i>see Captafol</i>			
<i>Dimecron</i>	<i>see Phosphamidon</i>			
<b>Dimethachlor</b>	50563-36-5	PST-2970 *		
<b>Dimethenamid</b>	87674-68-8	PST-2205 *		
<b>Dimethipin</b>	55290-64-7	PST-2670 *		
<b>Dimethirimol</b>	5221-53-4	PST-2975 *		
<b>Dimethoate (Cygon)</b>	60-51-5	PST-421	10 mg	***
<b>Dimethomorph</b>	110488-70-5	PST-2210 *		
<b>Dimethyl phthalate (DMP)</b>	131-11-3	PST-430	100 mg	***
<b>Dimethyl-<i>p</i>-nitrophenylphosphate</b>	950-35-6 ( <i>methyl paraoxon</i> )	PST-1945 *		
<b>Diniconazole</b>	83657-24-3	PST-2215 *		
<b>Dinocap (Karathane) (tech)</b>	39300-45-3	PST-610	100 mg	***
<b>Dinoseb (DNBP)</b>	88-85-7	PST-450	100 mg	***
<b>Dinoseb Methyl Ether</b>	6099-79-2	PST-451 *		
<b>Dinoterb</b>	1420-07-1	PST-2980 *		
<b>Dioxacarb</b>	6988-21-2	PST-1765	10 mg	***
<b>Diphenamid</b>	957-51-7	PST-1405	100 mg	***
<b>Diphenylamine</b>	122-39-4	PST-460	100 mg	***
<i>Dipterex</i>	<i>see Trichlorfon</i>			
<b>Diquat dibromide</b>	85-00-7	PST-1410	100 mg	***
<b>Disulfoton (Di-Syston)</b>	298-04-4	PST-470	100 mg	***
<b>Disulfoton sulfone</b>	2497-06-5	PST-2985 *		
<i>Di-Syston</i>	<i>see Disulfoton</i>			
<b>Ditalimfos</b>	5131-24-8	PST-2990 *		
<i>Dithane M-22</i>	<i>see Maneb</i>			
<b>Diuron</b>	330-54-1	PST-1415	100 mg	***
<i>DMDT</i>	<i>see Methoxychlor</i>			
<i>DMP</i>	<i>see Dimethyl phthalate</i>			
<b>DMSA (Disodium methanearsonate)</b>	144-21-8	PST-2220 *		
<b>DMST</b>	66840-71-9	PST-2225 *		
<i>DNBP</i>	<i>see Dinoseb</i>			
<b>Dodemorph</b>	1593-77-7	PST-2230 *		
<i>Dowco-132</i>	<i>see Crufomate</i>			
<i>Dowco-139</i>	<i>see Mexacarbate</i>			
<i>Dowco-179</i>	<i>see Chlorpyrifos</i>			
<i>Dowpon</i>	<i>see Dalapon</i>			
<i>2,4-DP</i>	<i>see Dichlorprop</i>			
<i>Duphar</i>	<i>see Tetradifon</i>			
<i>Dursban</i>	<i>see Chlorpyrifos</i>			
<i>Dyfonate</i>	<i>see Fonofos</i>			
<i>Dylox</i>	<i>see Trichlorfon</i>			
<b>Dyrene</b>	101-05-3	PST-2995 *		
<b>EDB (Ethylene Dibromide)</b>	106-93-4	PST-1040	100 mg	***
<b>Edifenphos</b>	17109-49-8	PST-3000 *		
<b>Endosulfan (Thiodan) (tech)</b>	115-29-7	PST-500	100 mg	***
<b>Endosulfan I (Thiodan I)</b>	959-98-8	PST-501	10 mg	***
<b>Endosulfan II (Thiodan II)</b>	33213-65-9	PST-502	10 mg	***
<b>Endosulfan sulfate</b>	1031-07-8	PST-503	10 mg	***

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## Pesticide Standards – Neat and in Solution

Can't find it here? See pages 320-339 for the complete line of Chem Service pesticides.

Pesticides			95 - 99% Pure	
Pesticide	CAS #	Catalog #	Neat Pesticides	
			Unit Size	Price
Endothall ( <i>Endothall Acid</i> )	145-73-3	PST-1845 *		
Endrin	72-20-8	PST-510	100 mg	***
Endrin aldehyde	7421-93-4	PST-512	10 mg	***
Endrin ketone	53494-70-5	PST-513	10 mg	***
<i>Entex</i>	<i>see Fenthion</i>			
EPN	2104-64-5	PST-520	100 mg	***
Epoxiconazole	135319-73-2	PST-2235 *		
EPTC	759-94-4	PST-1420	100 mg	***
<i>Estonmite</i>	<i>see Ovex</i>			
Etaconazole	60207-93-4	PST-3010 *		
Ethalfuralin	55283-68-6	PST-3015 *		
Ethiofencarb	29973-13-5	PST-2240 *		
Ethiofencarb Sulfone	53380-23-7	PST-2245 *		
Ethiofencarb Sulfoxide	53380-22-6	PST-2250 *		
Ethion ( <i>Nialate</i> )	563-12-2	PST-530	100 mg	***
Ethofumasate	26225-79-6	PST-2255 *		
Ethoprop ( <i>Prophos</i> )	13194-48-4	PST-1425	100 mg	***
Ethoxyquin	91-53-2	PST-2675 *		
<i>Ethylene dibromide</i>	<i>see EDB</i>			
Etofenprox	80844-07-1	PST-2260 *		
Etridiazole ( <i>Terrazole</i> )	2593-15-9	PST-1770	100 mg	***
Etrimfos	38260-54-7	PST-2270 *		
<i>EVIK</i>	<i>see Ametryn</i>			
<i>Famophos</i>	<i>see Famphur</i>			
Famoxadone	131807-57-3	PST-2275 *		
Famphur ( <i>Famophos</i> )	52-85-7	PST-1430	100 mg	***
Fenamidone	161326-34-7	PST-2280 *		
Fenaminoisulf ( <i>Dexon</i> ) (tech)	140-56-7	PST-310	100 mg	***
Fenamiphos	22224-92-6	PST-1435	100 mg	***
Fenamiphos sulfone	31972-44-8	PST-3020 *		
Fenarimol	60168-88-9	PST-1775	10 mg	***
Fenazaquin	120928-09-8	PST-2285 *		
Fenbuconazole	114369-43-6	PST-2290 *		
<i>Fenchlorphos</i>	<i>see Ronnel</i>			
Fenfuram	24691-80-3	PST-3025 *		
Fenhexamid	126833-17-8	PST-2295 *		
Fenitrothion	122-14-5	PST-1080	100 mg	***
Fenoxaprop ethyl	66441-23-4	PST-3030 *		
Fenoxaprop-P	113158-40-0	PST-3035 *		
Fenoxycarb	79127-80-3	PST-2300 *		
Fenpiclonil	74738-17-3	PST-2305 *		
Fenpropathrin	39515-41-8	PST-2310 *		
Fenpropidin	67306-00-7	PST-2315 *		
Fenpropimorph	67306-03-0	PST-2320 *		
Fenpyroximate	111812-58-9	PST-3040 *		
Fenson	80-38-6	PST-3045 *		
Fensulfothion	115-90-2	PST-1440	25 mg	***
Fenthion ( <i>Baytex</i> )	55-38-9	PST-540	100 mg	***
Fenthion sulfoxide	3761-41-9	PST-3050 *		
Fenuron	101-42-8	PST-1780	100 mg	***

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## Pesticide Standards – Neat and in Solution

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Pesticides			95 - 99% Pure		
Pesticide	CAS #	Catalog #	Neat Pesticides		
			Unit Size	Price	
Fenvalerate ( <i>Sanmarton</i> )	51630-58-1	PST-1445	100 mg	***	
Fipronil	120068-37-3	PST-1950 *			
Flamprop	58667-63-3	PST-3055 *			
Flamprop-isopropyl	52756-22-6	PST-3060 *			
Fluazifop-butyl	69806-50-4	PST-2325 *			
Fluchloralin	33245-39-5	PST-3070 *			
Flucycloxuron	113036-88-7	PST-2330 *			
Flucythrinate	70124-77-5	PST-2335 *			
Fludioxonil	131341-86-1	PST-2340 *			
Flufenoxuron	101463-69-8	PST-2345 *			
Flumetsulam	98967-40-9	PST-3075 *			
Fluometuron	2164-17-2	PST-1450	100 mg	***	
Fluoroglycofen-ethyl	77501-90-7	PST-2350 *			
Fluquinconazole	136426-54-5	PST-2355 *			
Fluridone ( <i>Sonar</i> )	59756-60-4	PST-1785	10 mg	***	
Fluroxypyr	69377-81-7	PST-3080 *			
Flusilazole	85509-19-9	PST-2360 *			
Flutolanil	66332-96-5	PST-2365 *			
Flutriafol	76674-21-0	PST-2680 *			
<i>tau</i> -Fluvalinate ( <i>Mavrik</i> )	102851-06-9	PST-2580 *			
<i>Folex</i>		<i>see Merphos</i>			
<b>Folicur (<i>tebuconazole</i>)</b>	107534-96-3	PST-1955 *			
<i>Folidol</i>		<i>see Parathion</i>			
<b>Folpet (<i>Phaltan</i>)</b>	133-07-3	PST-550	100 mg	***	
<b>Fomesafen</b>	72178-02-0	PST-3085 *			
<b>Fonofos (<i>Dyfonate</i>)</b>	944-22-9	PST-1091	10 mg	***	
<b>Formothion</b>	2540-82-1	PST-3090 *			
<b>Fuberidazole</b>	3878-19-1	PST-2370 *			
<i>Fumazone</i>		<i>see DBCP</i>			
<i>Furadan</i>		<i>see Carbofuran</i>			
<b>Furalaxyl</b>	57646-30-7	PST-2375 *			
<b>Furathiocarb</b>	65907-30-4	PST-3095 *			
<b>Furilazole</b>	141980-03-2	PST-3100 *			
<i>Garrathion</i>		<i>see Carbophenothion</i>			
<i>Gesagard</i>		<i>see Prometryn</i>			
<i>Gesamil</i>		<i>see Propazine</i>			
<i>Gesapram</i>		<i>see Prometon</i>			
<i>Gesaprim</i>		<i>see Atrazine</i>			
<i>Gesatop</i>		<i>see Simazine</i>			
<b>Glufosinate-ammonium</b>	77182-82-2	PST-1960 *			
<b>Glyphosate</b>	1071-83-6	PST-1850	100 mg	***	
<b>Glyphosate-isopropyl Ammonium Salt</b>	38641-94-0	PST-1965 *			
<i>Guthion</i>		<i>see Azinphos-methyl</i>			
<i>Guthion Ethyl</i>		<i>see Azinphosethyl</i>			
<i>HCB</i>		<i>see Hexachlorobenzene</i>			
<i>HCH</i>		<i>see BHC</i>			
<i>α-HCH</i>		<i>see α-BHC</i>			
<i>β-HCH</i>		<i>see β-BHC</i>			
<i>δ-HCH</i>		<i>see δ-BHC</i>			
<i>γ-HCH</i>		<i>see Lindane</i>			

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## Pesticide Standards – Neat and in Solution

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Pesticides			95 - 99% Pure	
Pesticide	CAS #	Catalog #	Neat Pesticides	
			Unit Size	Price
<i>HEOD</i>	<i>see Dieldrin</i>			
Heptachlor	76-44-8	PST-571	100 mg	***
Heptachlor epoxide (Isomer A)	28044-83-9	PST-581	10 mg	***
Heptachlor epoxide (Isomer B)	1024-57-3	PST-582	10 mg	***
Heptenophos	23560-59-0	PST-2380 *		
Hexachlorobenzene (HCB)	118-74-1	PST-590	100 mg	***
<i>Hexachlorocyclohexane</i>	<i>see BHC-mix</i>			
Hexaconazole	79983-71-4	PST-2385 *		
Hexaflumuron	86479-06-3	PST-3105 *		
Hexythiazox	78587-05-0	PST-3110 *		
Hexazinone ( <i>Velpar</i> )	51235-04-2	PST-1460	100 mg	***
3-Hydroxycarbofuran	16655-82-6	PST-1290 *		
Imazalil	35554-44-0	PST-1970 *		
Imazamethabenz-methyl	81405-85-8	PST-2390 *		
Imazamox	14311-32-9	PST-3115 *		
Imazapyr	81334-34-1	PST-3120 *		
Imazaquin	81335-37-7	PST-3125 *		
Imazethapyr	81335-77-5	PST-1975 *		
Imidacloprid	138261-41-3	PST-1980 *		
<i>Imidan</i>	<i>see Phosmet</i>			
Indoxacarb	173584-44-6	PST-2685 *		
Iodofenphos ( <i>Jodfenphos</i> )	18181-70-9	PST-3130 *		
Ioxynil	1689-83-4	PST-3135 *		
Iprodione	36734-19-7	PST-1985 *		
Isazophos	42509-80-8	PST-3140 *		
Isodrin	465-73-6	PST-1855 *		
Isofenphos	25311-71-1	PST-2690 *		
Isoprocab	2631-40-5	PST-1470	25 mg	***
Isopropalin	33820-53-0	PST-1475	100 mg	***
Isoproturon	34123-59-6	PST-2395 *		
<i>Karathane</i>	<i>see Dinocap</i>			
<i>Kelthane</i>	<i>see Dicofol</i>			
Kepone ( <i>Chlordecone</i> )	143-50-0	PST-620	10 mg	***
<i>Korlan</i>	<i>see Ronnel</i>			
Kresoxim-methyl	143390-89-0	PST-2405 *		
<i>lambda</i> -Cyhalothrin	91465-08-6	PST-1990 *		
<i>Lannate</i>	<i>see Methomyl</i>			
<i>Lasso</i>	<i>see Alachlor</i>			
Lenacil	2164-08-1	PST-2410 *		
Leptophos ( <i>Phosvel</i> )	21609-90-5	PST-1480	100 mg	***
Lethane 384	112-56-1	PST-1485	100 mg	***
Lindane ( $\gamma$ -BHC)	58-89-9	PST-630	100 mg	***
Linuron	330-55-2	PST-1490	100 mg	***
Lontrel ( <i>Clopyralid</i> )	1702-17-6	PST-1995 *		
Malathion ( <i>Carbophos</i> )	121-75-5	PST-641	100 mg	***
Malaoxon	1634-78-2	PST-3145 *		
Maneb ( <i>Dithane M-22</i> )	12427-38-2	PST-650	100 mg	***
<i>Manzate</i>	<i>see Maneb</i>			
<i>Marlate</i>	<i>see Methoxychlor</i>			
<i>Matacil</i>	<i>see Aminocarb</i>			

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## Pesticide Standards – Neat and in Solution

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Pesticides		95 - 99% Pure		
Pesticide	CAS #	Catalog #	Neat Pesticides	
			Unit Size	Price
<i>Mavrik</i>	<i>see tau-Fluvalinate</i>			
<b>MCPA</b>	94-74-6	PST-1180	100 mg	***
<b>MCPA methyl ester</b>	2436-73-9	PST-1181	100 mg	***
<b>MCPB</b>	94-81-5	PST-3155 *		
<b>MCPP (Mecoprop)</b>	93-65-2	PST-1190	100 mg	***
<b>MCPP methyl ester</b>	2786-19-7	PST-1191	100 mg	***
<b>Mecarbam</b>	2595-54-2	PST-2415 *		
<i>Mediben</i>	<i>see Dicamba</i>			
<b>Mepanipyrim</b>	110235-47-7	PST-2420 *		
<b>Mepronil</b>	55814-41-0	PST-2425 *		
<b>Mercaptobenzothiazole</b>	149-30-4	PST-1860 *		
<b>Merphos (Folex)</b>	150-50-5	PST-1500	100 mg	***
<b>Metconazole</b>	125116-23-6	PST-2440 *		
<i>Meta-Delphene</i>	<i>see Deet</i>			
<b>Metalaxyl</b>	57837-19-1	PST-2000 *		
<b>Metamitron</b>	41394-05-2	PST-2430 *		
<i>Metasystox R</i>	<i>see Oxydemeton-methyl</i>			
<b>Metazachlor</b>	67129-08-2	PST-2435 *		
<b>Methabenzthiazuron</b>	18691-97-9	PST-2445 *		
<b>Methacrifos</b>	62610-77-9	PST-2695 *		
<b>Metham sodium</b>	137-42-8	PST-1505	100 mg	***
<b>Methamidophos (Monitor)</b>	10265-92-6	PST-1510	25 mg	***
<b>Methidathion</b>	950-37-8	PST-1520	100 mg	***
<b>Methiocarb</b>	2032-65-7	PST-1525	100 mg	***
<b>Methiocarb Sulfone</b>	2179-25-1	PST-2450 *		
<b>Methiocarb Sulfoxide</b>	2635-10-1	PST-2455 *		
<b>Methomyl (Lannate)</b>	16752-77-5	PST-680	100 mg	***
<b>Methoprene</b>	40596-69-8	PST-3160 *		
<b>Methoxychlor (DMDT)</b>	72-43-5	PST-691	100 mg	***
<b>4-methoxy-1,3-phenylenediamine</b>	615-05-4	PST-2745 *		
<i>Methyl Dursban</i>	<i>see Cypermethrin</i>			
<b>Methyl parathion (Dalf)</b>	298-00-0	PST-700	100 mg	***
<b>Metobromuron</b>	3060-89-7	PST-3165 *		
<b>Metolachlor</b>	51218-45-2	PST-1530	100 mg	***
<b>Metoxuron</b>	19937-59-8	PST-2460 *		
<b>Metribuzin</b>	21087-64-9	PST-1535	100 mg	***
<b>Metsulfuron methyl</b>	74223-64-6	PST-3170 *		
<b>Mevinphos (Phosdrin) (tech)</b>	7786-34-7	PST-710	100 mg	***
<b>Mexacarbate (Zectran) (94+%)</b>	315-18-4	PST-1010	10 mg	***
<b>MGK-264, mixed isomers</b>	113-48-4	PST-1790	100 mg	***
<i>Mildex</i>	<i>see Dinocap</i>			
<i>Milogard</i>	<i>see Propazine</i>			
<i>Mintacol</i>	<i>see Paraoxon</i>			
<b>Mirex</b>	2385-85-5	PST-720	100 mg	***
<i>Mitotane</i>	<i>see 2,4'-DDD</i>			
<b>Molinate</b>	2212-67-1	PST-1540	100 mg	***
<i>Monitor</i>	<i>see Methamidophos</i>			
<b>Monocrotophos (Azodrin)</b>	6923-22-4	PST-040	100 mg	***
<b>Monolinuron</b>	1746-81-2	PST-2465 *		

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Pesticides			95 - 99% Pure		
Pesticide	CAS #	Catalog #	Neat Pesticides		
			Unit Size	Price	
<b>Monuron</b>	150-68-5	PST-1545	100 mg	***	
<b>Monuron TCA</b>	140-41-0	PST-1550	100 mg	***	
<b>Myclobutanil</b>	88671-89-0	PST-2470 *			
<b>Naled (Dibrom) (93+%)</b>	300-76-5	PST-730	100 mg	***	
<i>Nankor</i>	<i>see Ronnel</i>				
<b>Napropamide (Devinol)</b>	15299-99-7	PST-1555	100 mg	***	
<b>β-Naphthoxyacetic acid</b>	120-23-0	PST-2810 *			
<b>1-Naphthylacetic acid</b>	86-87-3	PST-2710 *			
<b>N-1-Naphthylphthalamic acid</b>	132-66-1	PST-2010 *			
<b>Neburon</b>	555-37-3	PST-1560	100 mg	***	
<i>Nemafume, Nemagone</i>	<i>see DBCP</i>				
<i>Nialate</i>	<i>see Ethion</i>				
<b>Nicosulfuron</b>	111991-09-4	PST-3180 *			
<i>Niran</i>	<i>see Parathion</i>				
<b>Nitrofen</b>	1836-75-5	PST-1565	5 mg	***	
<b>Nitrothal-isopropyl</b>	10552-74-6	PST-2475 *			
<i>Nitrox 80</i>	<i>see Methyl parathion</i>				
<b>cis-Nonachlor</b>	5103-73-1	PST-1200	10 mg	***	
<b>trans-Nonachlor</b>	39765-80-5	PST-1201	10 mg	***	
<b>Norflurazon</b>	27314-13-2	PST-1795	10 mg	***	
<b>Nuarimol</b>	63284-71-9	PST-2480 *			
<i>Nuvacron</i>	<i>see Monocrotophos</i>				
<i>Octachlor</i>	<i>see Chlordane</i>				
<i>Octalene</i>	<i>see Aldrin</i>				
<b>Octachlorostyrene</b>	29082-74-4	PST-3185 *			
<b>Omethoate</b>	1113-02-6	PST-2015 *			
<b>Orbencarb</b>	34622-58-7	PST-3190 *			
<i>Orthocide 406</i>	<i>see Captan</i>				
<b>Oryzalin</b>	19044-88-3	PST-1570	100 mg	***	
<b>Ovex (Estonmite)</b>	80-33-1	PST-1100	100 mg	***	
<b>Oxadiazon</b>	19666-30-9	PST-1575	100 mg	***	
<b>Oxadixyl</b>	77732-09-3	PST-2485 *			
<b>Oxamyl</b>	23135-22-0	PST-1580	100 mg	***	
<b>Oxychlordane</b>	597-03-7	PST-2705 *			
<b>Oxydemeton methyl</b>	301-12-2	PST-3195 *			
<b>Oxyfluorfen</b>	42874-03-3	PST-1590	100 mg	***	
<b>Paclobutrazole</b>	76738-62-0	PST-2490 *			
<i>Palatinol M</i>	<i>see Dimethyl phthalate</i>				
<b>Paraoxon (Mintacol)</b>	311-45-5	PST-1110	100 mg	***	
<b>Paraquat dichloride</b>	1910-42-5	PST-740	100 mg	***	
<b>Parathion (Alkron)</b>	56-38-2	PST-761	100 mg	***	
<i>PCNB</i>	<i>see Quintozene</i>				
<b>PCP (Pentachlorophenol)</b>	87-86-5	PST-780	20 mg	***	
<b>Pebulate</b>	1114-71-2	PST-1595	100 mg	***	
<b>Penconazole</b>	66246-88-6	PST-2495 *			
<b>Pendimethalin (Prowl)</b>	40487-42-1	PST-1600	100 mg	***	
<i>Pentachlorophenol</i>	<i>see PCP</i>				
<b>Permethrin, mixed isomers</b>	52645-53-1	PST-1605	25 mg	***	
<b>cis-Permethrin</b>	61949-76-6	PST-2895 *			
<b>Perthane</b>	72-56-0	PST-790	100 mg	***	

\* Available as solution only. Please call Customer Service or search online for solvent and concentration availability.

## Pesticide Standards – Neat and in Solution

ULTRA now offers more options for pesticide solutions. Search our webpage by component!

Pesticides		95 - 99% Pure		
Pesticide	CAS #	Catalog #	Neat Pesticides	
			Unit Size	Price
<i>Phaltan</i>	<i>see Folpet</i>			
<i>Phenacide</i>	<i>see Toxaphene</i>			
<b>Phenothrin (tech)</b>	26002-80-2	PST-2700 *		
<b>Phenthoate</b>	2597-03-7	PST-2020 *		
<b>o-Phenylphenol</b>	90-43-7	PST-1610	100 mg	***
<b>Phorate oxon</b>	2600-69-3	PST-3200 *		
<b>Phosalone</b>	2310-17-0	PST-2500 *		
<i>Phosdrin</i>	<i>see Mevinphos</i>			
<b>Phosmet (Imidan)</b>	732-11-6	PST-600	100 mg	***
<b>Phosphamidon (Dimecron)</b>	13171-21-6	PST-810	100 mg	***
<b>Phoxim</b>	14816-18-3	PST-3205 *		
<i>Phosvel</i>	<i>see Leptophos</i>			
<b>Picloram</b>	1918-02-1	PST-1620	25 mg	***
<b>Piperonyl butoxide (Butacide)</b>	51-03-6	PST-821	10 mg	***
<b>Pirimicarb</b>	23103-98-2	PST-2505 *		
<b>Pirimiphos-ethyl</b>	23505-41-1	PST-2510 *		
<b>Pirimiphos-methyl</b>	29232-93-7	PST-1625	100 mg	***
<b>Plifenate</b>	21757-82-4	PST-3210 *		
<i>Pramitol</i>	<i>see Prometon</i>			
<i>Primatol</i>	<i>see Simazine</i>			
<i>Primatol A</i>	<i>see Atrazine</i>			
<b>Prochloraz</b>	67747-09-5	PST-2515 *		
<b>Procymidone</b>	32809-16-8	PST-2520 *		
<b>Profenophos</b>	41198-08-7	PST-1635	100 mg	***
<b>Profluralin</b>	26399-36-0	PST-1640	100 mg	***
<i>Prolate</i>	<i>see Phosmet</i>			
<b>Promecarb</b>	2631-37-0	PST-1645	100 mg	***
<b>Prometon (Gesapram)</b>	1610-18-0	PST-830	100 mg	***
<b>Prometryn (Caparol)</b>	7287-19-6	PST-840	100 mg	***
<b>Pronamide</b>	23950-58-5	PST-1650	100 mg	***
<b>Propachlor (Ramrod)</b>	1918-16-7	PST-865	100 mg	***
<b>Propamocarb</b>	24579-73-5	PST-3215 *		
<b>Propanil</b>	709-98-8	PST-1655	100 mg	***
<b>Propaquizafop</b>	111479-05-1	PST-3220 *		
<b>Propargite</b>	2312-35-8	PST-1660	100 mg	***
<b>Propazine (Gesamil)</b>	139-40-2	PST-850	100 mg	***
<b>Propetamphos</b>	31218-83-4	PST-3225 *		
<b>Propham</b>	122-42-9	PST-1665	100 mg	***
<i>Prophos</i>	<i>see Ethoprop</i>			
<i>Propiconazole</i>	<i>see Tilt</i>			
<b>Propoxur (Baygon)</b>	114-26-1	PST-060	100 mg	***
<b>Prosulfocarb</b>	52888-80-9	PST-2525 *		
<i>Prowl</i>	<i>see Pendimethalin</i>			
<b>Pyrazophos</b>	13457-18-6	PST-2530 *		
<i>Pyresyn</i>	<i>see Allethrin</i>			
<b>Pyrethrins</b>	8003-34-7	PST-2535 *		
<b>Pyridaben</b>	96489-71-3	PST-2540 *		
<b>Pyridaphenthion</b>	119-12-0	PST-2545 *		
<b>Pyrifenox</b>	88283-41-4	PST-2550 *		

\* Available as solution only. Please call Customer Service or search online for solvent and concentration availability.

## Pesticide Standards – Neat and in Solution

Can't find it here? See pages 320-339 for the complete line of Chem Service pesticides.

Pesticides			95 - 99% Pure	
Pesticide	CAS #	Catalog #	Neat Pesticides	
			Unit Size	Price
<b>Pyrimethanil</b>	53112-28-0	PST-2555 *		
<b>Pyriproxyfen</b>	95737-68-1	PST-2560 *		
<b>Quinalphos</b>	13593-03-8	PST-1675	25 mg	***
<b>Quinclorac</b>	84087-01-4	PST-3230 *		
<b>Quinmerac</b>	90717-03-6	PST-3235 *		
<i>Quinomethionate</i>	<i>see Chinomethionate</i>			
<b>Quinoxiphen</b>	124495-18-7	PST-2565 *		
<b>Quintozene (PCNB)</b>	82-68-8	PST-770	100 mg	***
<b>Quizalofop-ethyl</b>	76578-14-8	PST-2570 *		
<i>Ramrod</i>	<i>see Propachlor</i>			
<i>Randox</i>	<i>see Allidochlor</i>			
<b>Resmethrin</b>	10453-86-8	PST-870	10 mg	***
<i>Rhothane</i>	<i>see 4,4'-DDD</i>			
<b>Ronnel (Fenclorphos)</b>	299-84-3	PST-880	100 mg	***
<b>Rotenone</b>	83-79-4	PST-890	100 mg	***
<i>Ruelene</i>	<i>see Crufomate</i>			
<i>Sanmarton</i>	<i>see Fenvalerate</i>			
<i>Santophen 20</i>	<i>see PCP</i>			
<i>Sarolex</i>	<i>see Diazinon</i>			
<b>Sebuthylazine</b>	7286-69-3	PST-3240 *		
<b>Secbumeton</b>	26259-45-0	PST-1800	10 mg	***
<i>Sevin</i>	<i>see Carbaryl</i>			
<b>Siduron</b>	1982-49-6	PST-1680	100 mg	***
<b>Silvex (2,4,5-TP)</b>	93-72-1	PST-911	100 mg	***
<b>Silvex methyl ester</b>	4841-20-7	PST-912	100 mg	***
<b>Simazine (Primatol)</b>	122-34-9	PST-1130	100 mg	***
<b>Simetryn</b>	1014-70-6	PST-1805	10 mg	***
<i>Sonar</i>	<i>see Fluridone</i>			
<i>Spectracide</i>	<i>see Diazinon</i>			
<b>Spiroxamine</b>	118134-30-8	PST-2575 *		
<i>Stirafos</i>	<i>see Tetrachlorvinphos</i>			
<b>Strobane (tech)</b>	8001-50-1	PST-1140	1 gm	***
<b>Sulfometuron methyl</b>	74222-97-2	PST-2030 *		
<b>Sulfotepp</b>	3689-24-5	PST-1810	10 mg	***
<b>Sulprophos</b>	35400-43-2	PST-1685	100 mg	***
<b>Sweep</b>	1918-18-9	PST-1815	10 mg	***
<i>Systox</i>	<i>see Demeton</i>			
<b>2,4,5-T</b>	93-76-5	PST-930	100 mg	***
<b>2,4,5-T methyl ester</b>	1928-37-6	PST-931	100 mg	***
<i>TCNB</i>	<i>see Tecnazene</i>			
<b>Tebufenozide</b>	112410-23-8	PST-3245 *		
<b>Tebufenpyrad</b>	119168-77-3	PST-2585 *		
<b>Tebupirimphos</b>	96182-53-5	PST-3250 *		
<b>Tebutame</b>	35256-85-0	PST-3255 *		
<b>Tebuthiuron</b>	34014-18-1	PST-1820	100 mg	***
<b>Tecnazene (TCNB)</b>	117-18-0	PST-1690	100 mg	***
<i>Tedion</i>	<i>see Tetradifon</i>			
<b>Teflubenzuron</b>	83121-18-0	PST-3260 *		
<b>Tefluthrin</b>	79538-32-2	PST-2590 *		
<b>Telodrin</b>	297-78-9	PST-3265 *		

\* Available as solution only. Please call Customer Service or search online for solvent and concentration availability.

## Pesticide Standards – Neat and in Solution

ULTRA now offers more options for pesticide solutions. Search our webpage by component!

Pesticides			95 - 99% Pure		
Pesticide	CAS #	Catalog #	Neat Pesticides		
			Unit Size	Price	
<i>Temephos</i>	<i>see Abate</i>				
<i>Temik</i>	<i>see Aldicarb</i>				
<b>TEPP</b>	107-49-3	PST-3270 *			
<b>Terbacil</b>	5902-51-2	PST-1695	100 mg	***	
<b>Terbufos</b>	13071-79-9	PST-1700	100 mg	***	
<b>Terbufos sulfone</b>	56070-16-7	PST-3275 *			
<b>Terbumeton</b>	33693-04-8	PST-3280 *			
<b>Terbutryn</b>	886-50-0	PST-1710	100 mg	***	
<b>Terbuthylazine</b>	5915-41-3	PST-1705	25 mg	***	
<i>Terraclor</i>	<i>see Quintozene</i>				
<i>Terrazole</i>	<i>see Etridiazole</i>				
<b>2,3,4,6-Tetrachlorophenol</b>	58-90-2	PST-950	20 mg	***	
<b>Tetrachlorvinphos (Stirofos)</b>	961-11-5	PST-1715	100 mg	***	
<b>Tetraconazole</b>	112281-77-3	PST-2595 *			
<b>Tetradifon (Duphar)</b>	116-29-0	PST-960	100 mg	***	
<b>cis-1,2,3,6-Tetrahydrophthalimide</b>	1469-48-3	PST-2140 *			
<b>Tetramethrin</b>	7696-12-0	PST-2035 *			
<i>Tetramethylthiuram Disulfide</i>	<i>see Thiram</i>				
<b>Thiabendazole</b>	148-79-8	PST-1720	100 mg	***	
<b>Thiacloprid</b>	111988-49-9	PST-3285 *			
<b>Thiamethoxam</b>	153719-23-4	PST-3290 *			
<b>Thidiazuron</b>	51707-55-2	PST-3295 *			
<b>Thifensulfuron methyl</b>	79277-27-3	PST-3300 *			
<i>Thimet</i>	<i>see Phorate</i>				
<b>Thiobencarb</b>	28249-77-6	PST-1725	100 mg	***	
<i>Thiodan</i>	<i>see Endosulfan</i>				
<b>Thiodicarb</b>	59669-26-0	PST-3305 *			
<b>Thiometon</b>	640-15-3	PST-2600 *			
<b>Thionazin (Zinophos)</b>	297-97-2	PST-1030 *			
<b>Thiophanate methyl</b>	23564-05-8	PST-1730	100 mg	***	
<b>Thiram (Tetramethylthiuram Disulfide)</b>	137-26-8	PST-3310 *			
<b>Tilt (Propiconazole)</b>	60207-90-1	PST-2040 *			
<b>Tiocarbazil</b>	36756-79-3	PST-3315 *			
<b>Tokuthion</b>	34643-46-4	PST-1825	10 mg	***	
<b>Tolclofos-methyl</b>	57018-04-9	PST-2605 *			
<b>Tolyfluanid</b>	731-27-1	PST-2610 *			
<b>Toxaphene (Phenacide) (tech)</b>	8001-35-2	PST-970	100 mg	***	
<i>2,4,5-TP</i>	<i>see Silvex</i>				
<b>Tralomethrin</b>	66841-25-6	PST-3320 *			
<b>Triadimefon</b>	43121-43-3	PST-1830	100 mg	***	
<b>Triadimenol</b>	55219-65-3	PST-2615 *			
<b>Triallate</b>	2303-17-5	PST-2620 *			
<b>Triazophos</b>	24017-47-8	PST-2045 *			
<b>Tribromoacetic acid</b>	75-96-7	PST-3325 *			
<b>Trichlorfon (Dylox)</b>	52-68-6	PST-490	100 mg	***	
<b>Trichloronate</b>	327-98-0	PST-1835	10 mg	***	
<b>2,4,6-Trichlorophenol</b>	88-06-2	PST-980	20 mg	***	
<b>Triclopyr</b>	55336-06-3	PST-1735	100 mg	***	
<b>Triclopyr methyl ester</b>	60825-26-5	PST-3330 *			
<b>Tricyclazole (Beam)</b>	41814-78-2	PST-1840	10 mg	***	

\* Available as solution only. Please call Customer Service or search online for solvent and concentration availability.



## Pesticide Standards – Neat and in Solution

Can't find it here? See pages 320-339 for the complete line of Chem Service pesticides.

Pesticides			95 - 99% Pure	
Pesticide	CAS #	Catalog #	Neat Pesticides	
			Unit Size	Price
Trietazine	1912-26-1	PST-3335 *		
O,O,O-Triethyl Phosphorothioate	126-68-1	PST-1865 *		
Trifloxystrobin	141517-21-7	PST-2630 *		
Triflumizole	99387-89-0	PST-2635 *		
Triflumuron	64628-44-0	PST-3340 *		
Trifluralin	1582-09-8	PST-1740	100 mg	***
2,3,5-trimethacarb	2655-15-4	PST-2715 *		
Trithion	<i>see Carbophenothion</i>			
Unden	<i>see Propoxur</i>			
Vamidothion	2275-23-2	PST-2645 *		
Vapona	<i>see Dichlorvos</i>			
Velpar	<i>see Hexazinone</i>			
Vegadex	95-06-7	PST-3345 *		
Vernolate	1929-77-7	PST-1745	100 mg	***
Vinclozolin	50471-44-8	PST-2050 *		
Warfarin ( <i>Coumaphene</i> ) (tech)	81-81-2	PST-1000	100 mg	***
Weedazol	<i>see Amitrole</i>			
Zectran	<i>see Mexacarbate</i>			
Zineb	12122-67-7	PST-1020	100 mg	***
Ziram	137-30-4	PST-1750	100 mg	***

\* Available as solution only. Please call Customer Service or search online for solvent and concentration availability.

## Neat Pesticide Kits

Pesticide Standards Kit	Pesticide Standards Kit	Solid Waste Pesticides Kit
<p><b>Kit - contains twenty vials:</b></p> <p>1 x 10 mg of each compound listed below</p> <p>aldrin                      dieldrin  <math>\alpha</math>-BHC                    heptachlor  <math>\beta</math>-BHC                    heptachlor epoxide (B)  <math>\delta</math>-BHC                    lindane (<math>\gamma</math>-BHC)  <math>o,p'</math>-DDD                    malathion  <math>p,p'</math>-DDD                    methoxychlor  <math>o,p'</math>-DDE                    mirex  <math>p,p'</math>-DDE                    parathion  <math>o,p'</math>-DDT                    carbaryl (<i>sevin</i>)  <math>p,p'</math>-DDT                    toxaphene</p> <p><b>FRSP-180                    Kit                    ***</b></p>	<p><b>Kit - contains fifteen vials:</b></p> <p>1 x 10 mg of each compound listed below</p> <p>aldrin                      <math>o,p'</math>-DDT  <math>\alpha</math>-BHC                    <math>p,p'</math>-DDT  <math>\beta</math>-BHC                    heptachlor  dieldrin                    heptachlor epoxide  <math>o,p'</math>-DDD                    lindane (<math>\gamma</math>-BHC)  <math>p,p'</math>-DDD                    malathion  <math>o,p'</math>-DDE                    parathion  <math>p,p'</math>-DDE</p> <p><b>KPST-102                    Kit                    ***</b></p>	<p><b>Kit - contains six vials:</b></p> <p>1 x 100 mg of each compound listed below</p> <p>2,4-D  endrin  lindane (<math>\gamma</math>-BHC)  methoxychlor  silvex (2,4,5-TP)  toxaphene</p> <p><b>FRSP-181                    Kit                    ***</b></p>

## Neat Pesticides and Pesticide Metabolites

### Manufactured by Chem Service, Inc.

ULTRA Scientific is pleased to offer the complete line of pesticides and pesticide metabolites from Chem Service. These standards are produced under an ISO 9001 registered quality system. A certificate of analysis showing the purity and identity of the compound is included with each standard. These are neat standards, unless otherwise noted.

Metabolites are denoted by a "▲," and are listed beneath the parent compound.

### Pesticides and Pesticide Metabolites

Pesticide	CAS #	Catalog #	Unit Size	Price
Abamectin	71751-41-2	CPS-2068	100 mg	***
Abate™	3383-96-8	CPS-665	100 mg	***
Acarol™	18181-80-1	CPS-1062	250 mg	***
Accent™	111991-09-4	CPS-2005	100 mg	***
Acephate	30560-19-1	CPS-738	250 mg	***
Acequinocyl	57960-19-7	CPS-2296	250 mg	***
Acetamiprid	135410-20-7	CPS-2219	100 mg	***
Acetochlor	34256-82-1	CPS-2040	100 mg	***
▲ Acetochlor ESA sodium salt		CMET-2040A	25 mg	***
▲ Acetochlor OA		CMET-2040B	10 mg	***
Acibenzolar-S-methyl	135158-54-2	CPS-2212	250 mg	***
Acifluorfen	50594-66-6	CPS-1016	1 gm	***
▲ Acifluorfen, amino		CMET-1016A	10 mg	***
Acifluorfen methyl ester		CPS-1111	100 mg	***
Agribrom	16079-88-2	CPS-2089	500 mg	***
Akton™	1757-18-2	CPS-675	1 gm	***
Alachlor	15972-60-8	CPS-357	250 mg	***
▲ 2-Chloro-2',6'-diethylacetanilide		CMET-357A	100 mg	***
▲ 2,6-Diethylaniline	579-66-8	CMET-357C	500 mg	***
▲ Alachlor ESA sodium salt	140939-15-7	CMET-357D	25 mg	***
▲ Alachlor OA		CMET-357E	10 mg	***
Aldicarb	116-06-3	CPS-734	10 mg	***
▲ Aldicarb oxime	1646-75-9	CMET-734A	50 mg	***
Aldicarb sulfoxide	1646-87-3	CPS-1054	10 mg	***
Aldoxycarb	1646-88-4	CPS-1055	10 mg	***
Aldrin™	309-00-2	CPS-69	250 mg	***
Allethrin (@ 100 µg/mL in methylene chloride)	584-79-2	CPS-96	1 x 5 mL	***
Alloxydim-sodium (@ 100 µg/mL in acetonitrile)	66003-55-2	CPS-1200	1 x 5 mL	***
Allyl trimethylammonium bromide		CPS-360	1 gm	***
4-Allyl-2-methoxyphenol	97-53-0	CPS-940	1 gm	***
Amdro	67485-29-4	CPS-1001	100 mg	***
Ametryne	834-12-8	CPS-383	500 mg	***
Aminocarb	2032-59-9	CPS-751	250 mg	***
3-Amino-2,5-dichlorobenzoic acid	133-90-4	CPS-314	100 mg	***
Aminopyralid	150114-71-9	CPS-2315	100 mg	***
Aminotriazole	61-82-5	CPS-382	1 gm	***
Amitraz	33089-61-1	CPS-1005	250 mg	***
Ammonium fluosilicate	16919-19-0	CPS-291	1 gm	***
Ammonium sulfamate	7773-06-0	CPS-344	1 gm	***
Amobam™	3566-10-7	CPS-228	1 gm	***
Ancymidol	12771-68-5	CPS-1008	1 gm	***
Anilazine	101-05-3	CPS-388	250 mg	***
9,10-Anthraquinone	84-65-1	CPS-926	1 gm	***
4-AP	504-24-5	CPS-1010	1 gm	***
Aramite (@ 100 µg/mL in hexane)	140-57-8	CPS-850	1 x 5 mL	***

▲ pesticide metabolite

## Neat Pesticides and Pesticide Metabolites – from Chem Service

Need pesticides in solution? See pages 305-319 for ULTRA's pesticide solution standards

### Pesticides and Pesticide Metabolites

Pesticide	CAS #	Catalog #	Unit Size	Price
Asana™	66230-04-4	CPS-2004	100 mg	***
Aspon™	3244-90-4	CPS-663	50 mg	***
Asulam	3337-71-1	CPS-1009	1 gm	***
Atraton	1610-17-9	CPS-395	500 mg	***
Atrazine	1912-24-9	CPS-380	500 mg	***
▲ Atrazine desethyl	6190-65-4	CMET-380B	50 mg	***
▲ Atrazine desethyl-2-hydroxy		CMET-380D	50 mg	***
▲ Atrazine desethyl desisopropyl-2-hydroxy	645-92-1	CMET-380E	50 mg	***
▲ Atrazine-2-hydroxy	2163-68-0	CMET-380F	50 mg	***
Azadirachtin	11141-17-6	CPS-2075	10 mg	***
Azamethiphos (@ 100 µg/mL in methylene chloride)	35575-96-3	CPS-1202	1 x 5 mL	***
Azobenzene	103-33-3	CPS-851	1 gm	***
Azocyclotin	41083-11-8	CPS-2063	250 mg	***
Azoxystrobin	131860-33-8	CPS-2141	250 mg	***
Banol	671-04-5	CPS-1085	100 mg	***
Barban	101-27-9	CPS-540	100 mg	***
Baycarb™	3766-81-2	CPS-1046	1 gm	***
Baycor™	55179-31-2	CPS-1093	100 mg	***
Baygon™	114-26-1	CPS-551	1 gm	***
Baytan™	55219-65-3	CPS-1064	250 mg	***
Baythroid™	68359-37-5	CPS-1090	250 mg	***
BDMC		CPS-450	100 mg	***
Beam™	41814-78-2	CPS-1083	100 mg	***
Benalaxyl	71626-11-4	CPS-2142	250 mg	***
Benazolin-ethyl	25059-80-7	CPS-2193	250 mg	***
Bendiocarb	22781-23-3	CPS-739	250 mg	***
▲ 2,2-Dimethyl-1,3-benzodioxole-4-ol		CMET-739A	500 mg	***
Benfluralin	1861-40-1	CPS-389	250 mg	***
Benfuracarb	82560-54-1	CPS-2241	100 mg	***
Benomyl	17804-35-2	CPS-222	100 mg	***
▲ 2-Aminobenzimidazole	934-32-7	CMET-222A	250 mg	***
▲ STB	132827-25-9	CMET-222B	500 mg	***
Bensulfuron-methyl	83055-99-6	CPS-1082	100 mg	***
Bensulide	741-58-2	CPS-425	250 mg	***
Bensultap	17606-31-4	CPS-2106	1 gm	***
Bentazon	25057-89-0	CPS-1011	250 mg	***
▲ 2-Amino-N-isopropyl benzamide		CMET-1011C	50 mg	***
Bentazon methyl derivative	2225-40-3	CPS-1112	50 mg	***
Benthiocarb	28249-77-6	CPS-1017	1 gm	***
Benzoylprop ethyl	22212-55-1	CPS-2079	100 mg	***
Benzthiazuron (@ 100 µg/mL in methylene chloride)	1929-88-0	CPS-1201	1 x 5 mL	***
Benzyl benzoate	120-51-4	CPS-904	1 gm	***
Benzyl thiocyanate	3012-37-1	CPS-98	1 gm	***
6-Benzylaminopurine	1214-39-7	CPS-2206	250 mg	***
o-Benzyl-p-chlorophenol	120-32-1	CPS-170	1 gm	***
BHC alpha isomer	319-84-6	CPS-692	100 mg	***
BHC beta isomer	319-85-7	CPS-691	100 mg	***
BHC delta isomer	319-86-8	CPS-693	100 mg	***
BHC epsilon isomer (@ 100 µg/mL in toluene)	6108-10-7	CPS-2222	1 x 1 mL	***
BHC (mixed isomers)	608-73-1	CPS-70	1 gm	***
Bifenazate	149877-41-8	CPS-2194	250 mg	***

▲ pesticide metabolite

## Neat Pesticides and Pesticide Metabolites – from Chem Service

Need pesticides in solution? See pages 305-319 for ULTRA's pesticide solution standards

### Pesticides and Pesticide Metabolites

Pesticide	CAS #	Catalog #	Unit Size	Price
BifenoX	42576-02-3	CPS-311	250 mg	***
Bifenthrin	82657-04-3	CPS-2003	100 mg	***
▲ Bifenthrin acid metabolite	72748-35-7	CMET-2003A	100 mg	***
Binapacryl	485-31-4	CPS-2087	100 mg	***
Bioallethrin	28057-48-9	CPS-791	250 mg	***
s-Bioallethrin	28434-00-6	CPS-790	250 mg	***
Bioresmethrin	28434-01-7	CPS-2080	500 mg	***
Biphenyl	92-52-4	CPS-2032	1 gm	***
Bispyribac Sodium	125401-92-5	CPS-2246	100 mg	***
Bis[tri-n-butyltin]oxide	56-35-9	CPS-282	1 gm	***
Bitrex™	3734-33-6	CPS-2084	1 gm	***
Bladex	21725-46-2	CPS-387	1 gm	***
Boscalid	188425-85-6	CPS-2260	100 mg	***
Brodifacoum	56073-10-0	CPS-1056	50 mg	***
Bromacil	314-40-9	CPS-62	1 gm	***
Bromoacetyl bromide	598-21-0	CPS-273	500 mg	***
(2-Bromoethyl)trimethyl ammonium bromide	2758-06-7	CPS-361	1 gm	***
Bromomethane (@ 10,000 µg/mL in methanol)	74-83-9	CPS-155	1 x 5 mL	***
p-Bromophenoxy acetic acid		CPS-312	1 gm	***
Bromophos ethyl	4824-78-6	CPS-2008	100 mg	***
Bromophos methyl	2104-96-3	CPS-2009	50 mg	***
▲ 4-Bromo-2,5-dichlorophenol	1940-42-7	CMET-2009A	100 mg	***
Bromoxynil	1689-84-5	CPS-426	1 gm	***
▲ Bromoxynil-heptanoate		CMET-426A	50 mg	***
▲ Bromoxynil-methyl ether		CMET-426B	100 mg	***
Bromoxynil octanoic acid ester	1689-99-2	CPS-434	1 gm	***
Bromuconazole	116255-48-2	CPS-2301	100 mg	***
Bronopol	52-51-7	CPS-2128	1 gm	***
Bupirimate	41483-43-6	CPS-2309	100 mg	***
Buprofezin	69327-76-0	CPS-2067	100 mg	***
Busan 40	51026-28-9	CPS-2019	100 mg	***
Busan 85	128-03-0	CPS-2020	100 mg	***
Butachlor	23184-66-9	CPS-348	100 mg	***
▲ Butachlor ESA sodium salt		CMET-348A	25 mg	***
2-[2-Butoxyethoxy]ethyl thiocyanate	112-56-1	CPS-730	250 mg	***
Butoxypolypropylene glycol	9003-13-8	CPS-908	1 gm	***
Butralin	33629-47-9	CPS-1004	500 mg	***
Butylate	2008-41-5	CPS-503	1 gm	***
2-sec-Butyl-4,6-dinitrophenol triethanolamine salt	6420-47-9	CPS-436	1 gm	***
2-Butyl-2-ethyl-1,3-propanediol	115-84-4	CPS-101	1 gm	***
Butylmesityl oxide oxalate	532-34-3	CPS-907	1 gm	***
Cadmium succinate	141-00-4	CPS-280	1 gm	***
Cadusafos	95465-99-9	CPS-2199	100 mg	***
Capsaicin, natural mix		CPS-2254	100 mg	***
Captafol	2425-06-1	CPS-260	1 gm	***
▲ cis-1,2,3,6-Tetrahydrophthalimide	27813-21-4	CMET-260A	5 gm	***
Captan	133-06-2	CPS-25	250 mg	***
Carbaryl	63-25-2	CPS-84	250 mg	***
Carbendazim	10605-21-7	CPS-1077	100 mg	***
Carbofuran	1563-66-2	CPS-754	250 mg	***
▲ 2,3-Dihydro-2,2-dimethylbenzofuran-7-ol	1563-38-8	CMET-754B	1 gm	***

▲ pesticide metabolite

## Neat Pesticides and Pesticide Metabolites – from Chem Service

Need pesticides in solution? See pages 305-319 for ULTRA's pesticide solution standards

### Pesticides and Pesticide Metabolites

Pesticide	CAS #	Catalog #	Unit Size	Price
▲ 2,3-Dihydro-2,2-dimethyl benzofuran-3,7-diol (@ 100 µg/mL in acetonitrile)		CMET-754D	1 x 1 mL	***
▲ Carbofuran-3-keto		CMET-754E	100 mg	***
▲ Carbofuranphenol-3-keto	17781-16-7	CMET-754F	50 mg	***
Carbophenothion	786-19-6	CPS-88	1 gm	***
▲ Carbophenothion methyl (@ 100 µg/mL in methanol)	953-17-3	CMET-88A	1 x 5 mL	***
▲ Carbophenothion methyl-O-analog		CMET-88B	50 mg	***
▲ Carbophenothion methyl sulf-oxide (@ 10 µg/mL in ethyl acetate)		CMET-88D	1 x 5 mL	***
Carbosulfan	55285-14-8	CPS-1063	250 mg	***
Carboxin	5234-68-4	CPS-294	1 gm	***
Carfentrazone-ethyl	128639-02-1	CPS-2170	100 mg	***
Cartap hydrochloride	22042-59-7	CPS-2069	500 mg	***
α-Chloralose	15879-93-3	CPS-2112	250 mg	***
β-Chloralose	16376-36-6	CPS-2113	1 gm	***
Chloramben methyl ester	7286-84-2	CPS-1113	100 mg	***
Chloranil	118-75-2	CPS-11	1 gm	***
Chloranocryl	2164-09-2	CPS-63	1 gm	***
Chlorbenside	103-17-3	CPS-853	100 mg	***
Chlorbromuron	13360-45-7	CPS-368	1 gm	***
Chlordane	57-74-9	CPS-75	1 gm	***
▲ Oxychlordane (@ 100 µg/mL in methanol)	27304-13-8	CMET-75A	1 x 5 mL	***
▲ <i>cis</i> -Nonachlor	5103-73-1	CMET-75B	25 mg	***
▲ <i>trans</i> -Nonachlor	39765-80-5	CMET-75C	25 mg	***
▲ Chlordene	3734-48-3	CMET-75D	25 mg	***
<i>cis</i> -Chlordane	5103-71-9	CPS-75-1	10 mg	***
<i>trans</i> -Chlordane	5103-74-2	CPS-75-2	10 mg	***
Chlordimeform	6164-98-3	CPS-840	1 gm	***
▲ 4-Chloro-2-methylaniline	95-69-2	CMET-840A	1 gm	***
Chlorethoxyfos	54593-83-8	CPS-2217	250 mg	***
Chlorfenapyr	122453-73-0	CPS-2171	100 mg	***
Chlorfenvinphos	470-90-6	CPS-1087	100 mg	***
Chlorfluazuron	71422-67-8	CPS-2248	25 mg	***
Chlorflorecol-methyl ester	2536-31-4	CPS-1022	100 mg	***
Chlorimuron ethyl	90982-32-4	CPS-1081	100 mg	***
Chlormephos	24934-91-6	CPS-2209	250 mg	***
Chlormequat chloride	999-81-5	CPS-363	1 gm	***
Chloroacetic acid	79-11-8	CPS-31	1 gm	***
2-Chloroallyl diethyldithiocarbamate	95-06-7	CPS-19	250 mg	***
1- <i>cis</i> -3-Chloroallyl-3,5,7-triaza-1-azonia-adamantane chloride		CPS-2234	100 mg	***
Chlorobenzilate	510-15-6	CPS-854	100 mg	***
▲ 4,4'-Dichlorobenzhydrol	90-97-1	CMET-854A	1 gm	***
▲ 4,4'-Dichlorobenzophenone	90-98-2	CMET-854B	100 mg	***
(2-Chloroethyl)phosphonic acid	16672-87-0	CPS-325	1 gm	***
<i>p</i> -Chloromandelic acid	492-86-4	CPS-310	1 gm	***
Chloroneb	2675-77-6	CPS-255	250 mg	***
Chlorophacinone	3691-35-8	CPS-2085	500 mg	***
<i>o</i> -Chlorophenoxy acetic acid	614-61-9	CPS-38	1 gm	***
<i>p</i> -Chlorophenoxy acetic acid	122-88-3	CPS-39	1 gm	***
2-[3-Chlorophenoxy]propionamide		CPS-359	1 gm	***
2-(3-Chlorophenoxy)propionic acid	101-10-0	CPS-317	1 gm	***
Chlorothalonil	1897-45-6	CPS-1020	250 mg	***
Chlorotoluron	15545-48-9	CPS-2078	250 mg	***

▲ pesticide metabolite

## Neat Pesticides and Pesticide Metabolites – from Chem Service

Need pesticides in solution? See pages 305-319 for ULTRA's pesticide solution standards

### Pesticides and Pesticide Metabolites

Pesticide	CAS #	Catalog #	Unit Size	Price
▲ 1-(3-Chloro-4-methylphenyl)-3-methylurea	22175-22-0	CMET-2078A	100 mg	***
4-Chloro- <i>o</i> -toloxyacetic acid	94-74-6	CPS-40	1 gm	***
▲ 4-Chloro-2-methylphenol	1570-64-5	CMET-40A	1 gm	***
4-Chloro- <i>o</i> -toloxyacetic acid methyl ester	2436-73-9	CPS-1105	100 mg	***
Chloroxuron	1982-47-4	CPS-376	250 mg	***
Chloroxynil	1891-95-8	CPS-2090	500 mg	***
Chlorpropham	101-21-3	CPS-52	1 gm	***
Chlorpyrifos	2921-88-2	CPS-674	250 mg	***
▲ 3,5,6-Trichloro-2-pyridinol	6515-38-4	CMET-674A	250 mg	***
▲ Chlorpyrifos Oxon	5598-15-2	CMET-674B	100 mg	***
Chlorpyrifos Methyl	5598-13-0	CPS-418	250 mg	***
▲ Chlorpyrifos methyl- <i>O</i> -analog	5598-52-7	CMET-418B	50 mg	***
Chlorsulfuron	64902-72-3	CPS-1065	100 mg	***
▲ Chlorsulfuron-5-hydroxy (@ 10 µg/mL in ethyl acetate)		CMET-1065A	1 x 5 mL	***
Chlorthal	1861-32-1	CPS-33	1 gm	***
▲ Monomethyl tetrachloroterephthalate		CMET-33A	100 mg	***
▲ Tetrachloroterephthalic acid	2136-79-0	CMET-33B	100 mg	***
Cholecalciferol	67-97-0	CPS-2289	100 mg	***
Cinnamaldehyde	104-55-2	CPS-2266	500 mg	***
Cinosulfuron	94593-91-6	CPS-2304	100 mg	***
Clethodim	99129-21-2	CPS-2045	100 mg	***
Clodinafop-propargyl	105512-06-9	CPS-2276	100 mg	***
Clofentezine	74115-24-5	CPS-2015	100 mg	***
▲ 2-Chlorobenzonitrile	873-32-5	CMET-2015A	250 mg	***
Cloransulam-methyl	147150-35-4	CPS-2165	100 mg	***
Clothianidin	210880-92-5	CPS-2261	100 mg	***
Command	81777-89-1	CPS-2001	100 mg	***
Copper Naphthenates		CPS-2028	1 gm	***
Copper oxychloride	1332-65-6	CPS-292	1 gm	***
Copper-8-Quinolinolate	10380-28-6	CPS-2091	500 mg	***
Coumaphos	56-72-4	CPS-656	100 mg	***
▲ Coumaphos- <i>O</i> -analog	321-54-0	CMET-656D	50 mg	***
Coumatetralyl	5836-29-3	CPS-2093	250 mg	***
Crotoxyphos	7700-17-6	CPS-603	50 mg	***
Cyanophos	2636-26-2	CPS-2034	100 mg	***
Cyazofamid	120116-88-3	CPS-2336	100 mg	***
Cybutryne	28159-98-0	CPS-2279	100 mg	***
Cyclanilide	113136-77-9	CPS-2243	100 mg	***
▲ 3,4-Dichloroaniline	554-00-7	CMET-2243A	1 gm	***
Cycloate	1134-23-2	CPS-502	1 gm	***
▲ N-Ethylcyclohexylamine	5459-93-8	CMET-502A	1 gm	***
Cycloheximide	66-81-9	CPS-1002	100 mg	***
Cycloprate	54460-46-7	CPS-2092	500 mg	***
Cyclosulfamuron	136849-15-5	CPS-2214	250 mg	***
<i>beta</i> -Cyfluthrin	68359-37-5	CPS-2204	250 mg	***
Cyhalofop-butyl	122008-85-9	CPS-2280	100 mg	***
<i>lambda</i> -Cyhalothrin	91465-08-6	CPS-2018	100 mg	***
Cymoxanil	57966-95-7	CPS-1067	100 mg	***
<i>alpha</i> -Cypermethrin	67375-30-8	CPS-2083	250 mg	***
<i>beta</i> -Cypermethrin		CPS-2203	250 mg	***
Cypermethrin	52315-07-8	CPS-1068	100 mg	***

▲ pesticide metabolite

## Neat Pesticides and Pesticide Metabolites – from Chem Service

Need pesticides in solution? See pages 305-319 for ULTRA's pesticide solution standards

### Pesticides and Pesticide Metabolites

Pesticide	CAS #	Catalog #	Unit Size	Price
<i>d-trans</i> -Cyphenothrin	39515-40-7	CPS-2198	100 mg	***
Cyprazine	22936-86-3	CPS-2104	50 mg	***
Cyproconazole	113096-99-4	CPS-2130	50 mg	***
Cyprodinil	121552-61-2	CPS-2144	500 mg	***
Cyromazine	66215-27-8	CPS-2073	250 mg	***
Cythioate	115-93-5	CPS-1025	1 gm	***
2,4-D	94-75-7	CPS-41	1 gm	***
2,4-D butoxyethyl ester	1929-73-3	CPS-315	1 gm	***
2,4-D butyl ester	94-80-4	CPS-42	1 gm	***
2,4-D <i>sec</i> -butyl ester		CPS-301	1 gm	***
2,4-D dimethylamine salt	2008-39-1	CPS-337	1 gm	***
2,4-D ethanolamine salt	3599-58-4	CPS-338	1 gm	***
2,4-D ethyl ester	533-23-3	CPS-304	1 gm	***
2,4-D isobutyl ester	1713-15-1	CPS-2282	250 mg	***
2,4-D isooctyl ester	25168-26-7	CPS-319	1 gm	***
2,4-D isopropanol amine salt		CPS-332	1 gm	***
2,4-D isopropyl ester	94-11-1	CPS-43	1 gm	***
2,4-D isopropylamine salt		CPS-299	1 gm	***
2,4-D methyl ester	1928-38-7	CPS-41-1	1 gm	***
2,4-D propylene glycol ester		CPS-302	1 gm	***
Dalapon	75-99-0	CPS-32	1 gm	***
Dalapon methyl ester	17640-02-07	CPS-1100	100 mg	***
Dalapon Sodium	127-20-8	CPS-2236	250 mg	***
Daminozide	1596-84-5	CPS-391	1 gm	***
Dazomet	533-74-4	CPS-17	1 gm	***
2,4-DB	94-82-6	CPS-306	250 mg	***
2,4-DB dimethylamine salt		CPS-316	1 gm	***
2,4-DB methyl ester	18625-12-2	CPS-1101	100 mg	***
<i>d-(cis-trans)</i> -Phenothrin	26002-80-2	CPS-1030	50 mg	***
<i>o,p'</i> -DDD	53-19-0	CPS-694	250 mg	***
▲ <i>o,p'</i> -DDD olefin		CMET-694A	10 mg	***
<i>p,p'</i> -DDD	72-54-8	CPS-72	1 gm	***
<i>o,p'</i> -DDE	3424-82-6	CPS-695	50 mg	***
<i>p,p'</i> -DDE	72-55-9	CPS-696	100 mg	***
<i>o,p'</i> -DDT	789-02-6	CPS-698	50 mg	***
▲ <i>p,p'</i> -DDA	83-05-6	CMET-698A	100 mg	***
<i>p,p'</i> -DDT	50-29-3	CPS-699	1 gm	***
▲ <i>p,p'</i> -DDMU	1022-22-6	CMET-699B	10 mg	***
DDT (mixture <i>p,p'</i> & <i>o,p'</i> )		CPS-74	1 gm	***
Deltamethrin	52918-63-5	CPS-2071	250 mg	***
▲ 3-(2,2-Dibromovinyl)-2,2-dimethyl-(1-cyclopropane)carboxylic acid ( <i>cis</i> )	63597-73-9	CMET-2071A	10 mg	***
Demeton O	298-03-3	CPS-661	100 mg	***
Demeton O&S	8065-48-3	CPS-661/662	100 mg	***
Demeton S	126-75-0	CPS-662	100 mg	***
Desmedipham	13684-56-5	CPS-1015	250 mg	***
Devrinol™	15299-99-7	CPS-553	250 mg	***
Dexon™	140-56-7	CPS-262	1 gm	***
Diafenthiuron	80060-09-9	CPS-2221	250 mg	***
Di-allate	2303-16-4	CPS-507	100 mg	***
N,N-Diallyl-2-chloroacetamide	93-71-0	CPS-351	1 gm	***
Diazinon	333-41-5	CPS-90	250 mg	***

▲ pesticide metabolite

## Neat Pesticides and Pesticide Metabolites – from Chem Service

Need pesticides in solution? See pages 305-319 for ULTRA's pesticide solution standards

### Pesticides and Pesticide Metabolites

Pesticide	CAS #	Catalog #	Unit Size	Price
▲ Diazinon-0-analog	962-58-3	CMET-90A	100 mg	***
▲ 2-Isopropyl-6-methyl-4-pyrimidinol	2814-20-2	CMET-90B	1 gm	***
▲ Diethyl phosphate	598-02-7	CMET-90C	100 mg	***
1,2-Dibromo-3-chloropropane	96-12-8	CPS-1	1 gm	***
1,2-Dibromoethane	106-93-4	CPS-154	1 gm	***
Dibutyl succinate	141-03-7	CPS-903	1 gm	***
Dicamba	1918-00-9	CPS-346	500 mg	***
▲ 3,6-Dichloro-2-hydroxy benzoic acid		CMET-346B	50 mg	***
Dicamba methyl ester	6597-78-0	CPS-1102	100 mg	***
Dicapthon	2463-84-5	CPS-669	1 gm	***
▲ 2-Chloro-4-nitrophenol	619-08-9	CMET-669A	1 gm	***
Dichlofenthion	97-17-6	CPS-103	1 gm	***
Dichlofluand	1085-98-9	CPS-2047	250 mg	***
Dichlone	117-80-6	CPS-12	1 gm	***
Dichlormid	37764-25-3	CPS-2054	100 mg	***
<i>o</i> -Dichlorobenzene	95-50-1	CPS-2	1 gm	***
<i>p</i> -Dichlorobenzene	106-46-7	CPS-3	1 gm	***
3,5-Dichlorobenzoic acid	51-36-5	CPS-1107	1 gm	***
3,5-Dichlorobenzoic acid methyl ester	2905-67-1	CPS-1114	100 mg	***
2,6-Dichlorobenzonitrile	1194-65-6	CPS-392	1 gm	***
▲ 2,6-Dichlorobenzoic acid	50-30-6	CMET-392A	1 gm	***
▲ 2,6-Dichlorobenzamide		CMET-392B	1 gm	***
▲ 2,6-Dichlorobenzoic acid methyl ester		CMET-392C	250 mg	***
2,3-Dichloronitrobenzene	3209-22-1	CPS-2267	250 mg	***
2,4-Dichloronitrobenzene	611-06-3	CPS-2268	250 mg	***
2,5-Dichloronitrobenzene	89-61-2	CPS-2269	250 mg	***
3,4-Dichloronitrobenzene	99-54-7	CPS-2270	1 gm	***
3,5-Dichloronitrobenzene	618-62-2	CPS-2271	250 mg	***
1,1-Dichloro-1-nitroethane	594-72-9	CPS-5	1 gm	***
Dichlorophen	97-23-4	CPS-6	1 gm	***
N-[(2,4-Dichlorophenoxy)acetyl]-DL-methionine		CPS-390	10 mg	***
2,4-Dichlorophenyl benzenesulfonate	97-16-5	CPS-856	1 gm	***
1,2-Dichloropropane	78-87-5	CPS-153	1 gm	***
1,3-Dichloropropene	542-75-6	CPS-152	1 gm	***
3',4'-Dichloropropionanilide	709-98-8	CPS-356	500 mg	***
Dichlorprop	120-36-5	CPS-44	250 mg	***
Dichlorprop methyl ester	57153-17-0	CPS-1103	100 mg	***
Dichlorprop-butoxyethyl ester	53404-31-2	CPS-2307	50 mg	***
Dichlorprop-P	15165-67-0	CPS-2300	250 mg	***
Dichlorvos	62-73-7	CPS-89	250 mg	***
Diclofop methyl	51338-27-3	CPS-1036	1 gm	***
▲ Diclofop methyl, 5-hydroxy (@ 10 µg/mL in cyclohexane)		CMET-1036A	1 x 5 mL	***
▲ Diclofop acid	40843-25-2	CMET-1036B	100 mg	***
Dicloran	99-30-9	CPS-293	250 mg	***
Diclosulam	145701-21-9	CPS-2208	250 mg	***
Dicrotophos	141-66-2	CPS-602	100 mg	***
Dicyclopentadiene	77-73-6	CPS-2033	500 mg	***
Dieldrin	60-57-1	CPS-76	250 mg	***
Diethatyl ethyl	38727-55-8	CPS-1006	1 gm	***
Diethofencarb	87130-20-9	CPS-2153	250 mg	***
Diethyl dithiobis(thionoformate)	502-55-6	CPS-66	1 gm	***

▲ pesticide metabolite



## Neat Pesticides and Pesticide Metabolites – from Chem Service

Need pesticides in solution? See pages 305-319 for ULTRA's pesticide solution standards

### Pesticides and Pesticide Metabolites

Pesticide	CAS #	Catalog #	Unit Size	Price
O,O-Diethyl phosphorochloridothioate	2524-04-1	CPS-670	1 gm	***
N,N-Diethyl- <i>m</i> -toluamide	134-62-3	CPS-902	1 gm	***
Difenacoum	56073-07-5	CPS-2143	100 mg	***
Difenoconazole	119446-68-3	CPS-2159	250 mg	***
Difenzoquat methylsulfate	43222-48-6	CPS-404	250 mg	***
▲ Difenzoquat-desmethyl		CMET-404C	100 mg	***
Diflubenzuron	35367-38-5	CPS-1028	250 mg	***
▲ <i>p</i> -Chlorophenylurea	140-38-5	CMET-1028A	100 mg	***
Diflufenican	83164-33-4	CPS-2316	100 mg	***
Diflufenzopyr	109293-97-2	CPS-2148	100 mg	***
3,5-Diiodo-4-hydroxybenzonitrile	1689-83-4	CPS-397	100 mg	***
▲ Ioxynil-methyl		CMET-397A	100 mg	***
2,6-Diisopropyl-naphthalene	24157-81-1	CPS-2272	250 mg	***
Dikegulac acid	18467-77-1	CPS-2190	250 mg	***
Dimehypo	52207-48-4	CPS-2184	250 mg	***
Dimethachlon	24096-53-5	CPS-2154	500 mg	***
Dimethenamid	87674-68-8	CPS-2161	100 mg	***
▲ Dimethenamid ESA sodium salt		CMET-2161A	25 mg	***
▲ Dimethenamid OA		CMET-2161B	10 mg	***
Dimethenamid-P	163515-14-8	CPS-2291	100 mg	***
Dimethipin	55290-64-7	CPS-2052	1 gm	***
Dimethoate	60-51-5	CPS-659	250 mg	***
Dimethomorph	110488-70-5	CPS-2138	100 mg	***
Z-Dimethomorph		CPS-2138-1	500 mg	***
O,O-Dimethyl phosphorochloridothioate	2524-03-0	CPS-91	1 gm	***
Dimethylarsinic acid	75-60-5	CPS-51	500 mg	***
1,1-Dimethyl-3-phenylurea	101-42-8	CPS-61	1 gm	***
Dimethylphthalate	131-11-3	CPS-901	1 gm	***
Dimethyl- <i>p</i> -nitrophenylphosphate	950-35-6	CPS-613	100 mg	***
N,N-Dimethylsuccinamic acid	2564-95-6	CPS-340	1 gm	***
Di- <i>n</i> -butylphthalate	84-74-2	CPS-900	1 gm	***
Diniconazole	83657-24-3	CPS-2152	100 mg	***
4,6-Dinitro- <i>o</i> -cresol	534-52-1	CPS-57	1 gm	***
4,6-Dinitro-2- <i>sec</i> -butylphenol ethanolamine salt		CPS-433	1 gm	***
Dinocap	39300-45-3	CPS-27	100 mg	***
Dinoseb	88-85-7	CPS-56	100 mg	***
Dinoseb methyl ether	6099-79-2	CPS-1104	100 mg	***
Dinotefuran	165252-70-0	CPS-2295	50 mg	***
Di- <i>n</i> -propyl isocinchomeronate	136-45-8	CPS-906	1 gm	***
Dioxacarb	6988-21-2	CPS-2022	250 mg	***
Dioxathion	78-34-2	CPS-658	100 mg	***
Dioxydemeton-S-methyl	17040-19-6	CPS-642	100 mg	***
Diphacinone	82-66-6	CPS-288	100 mg	***
Diphenamid	957-51-7	CPS-350	250 mg	***
Diphenylacetoneitrile	86-29-3	CPS-64	1 gm	***
Diphenylamine	122-39-4	CPS-427	1 gm	***
Dipropetryn	4147-51-7	CPS-411	100 mg	***
Diquat Dibromide monohydrate	6385-62-2	CPS-365	500 mg	***
Disodium methyl arsonate hexahydrate	144-21-8	CPS-281	500 mg	***
Disulfoton	298-04-4	CPS-652	1 gm	***
▲ Disulfoton sulfone	2497-06-5	CMET-652A	100 mg	***

▲ pesticide metabolite

## Neat Pesticides and Pesticide Metabolites – from Chem Service

Need pesticides in solution? See pages 305-319 for ULTRA's pesticide solution standards

### Pesticides and Pesticide Metabolites

Pesticide	CAS #	Catalog #	Unit Size	Price
▲ Disulfoton sulfoxide	2497-07-6	CMET-652B	100 mg	***
Ditalimfos	5131-24-8	CPS-2127	100 mg	***
Ditalimfos (@ 100 µg/mL in hexane)	5131-24-8	CPS-1208	1 x 5 mL	***
Dithianon	3347-22-6	CPS-2035	250 mg	***
Dithiopyr	97886-45-8	CPS-2173	100 mg	***
Diuron	330-54-1	CPS-60	500 mg	***
▲ N,N'-Bis(3,4-dichlorophenyl)urea		CMET-60A	100 mg	***
▲ 3-(4-Chlorophenyl)methyl urea		CMET-60B	100 mg	***
Dodemorph	1593-77-7	CPS-1086	100 mg	***
Dodine	2439-10-3	CPS-250	1 gm	***
▲ Creatine	57-00-1	CMET-250A	1 gm	***
Dyfonate™	944-22-9	CPS-664	100 mg	***
Dylox™	52-68-6	CPS-608	1 gm	***
Edifenphos	17109-49-8	CPS-2066	100 mg	***
EGT	2514-53-6	CPS-328	1 gm	***
Emamectin	119791-41-2	CPS-2265	100 mg	***
Endosulfan	115-29-7	CPS-81	500 mg	***
▲ Endosulfan alcohol	2157-19-9	CMET-81A	50 mg	***
▲ Endosulfan ether	3369-52-6	CMET-81B	50 mg	***
▲ Endosulfan lactone	3868-61-9	CMET-81C	50 mg	***
Endosulfan ( <i>alpha</i> isomer)	959-98-8	CPS-81-1	100 mg	***
Endosulfan ( <i>beta</i> isomer)	33213-65-9	CPS-81-2	100 mg	***
Endosulfan sulfate	1031-07-8	CPS-81-3	50 mg	***
Endothal monohydrate	62059-43-2	CPS-345	250 mg	***
Endrin	72-20-8	CPS-77	100 mg	***
Endrin aldehyde	7421-93-4	CPS-77-1	10 mg	***
Endrin ketone	53494-70-5	CPS-77-2	10 mg	***
EPN	2104-64-5	CPS-93	250 mg	***
Epoxiconazole	135319-73-2	CPS-2305	100 mg	***
Esbiothrin	84030-86-4	CPS-2341	100 mg	***
Ethalfuralin	55283-68-6	CPS-408	1 gm	***
Ethametsulfuron-methyl	97780-06-8	CPS-2183	100 mg	***
Ethanedial dioxime	557-30-2	CPS-412	1 gm	***
Ethidimuron	30043-49-3	CPS-2061	100 mg	***
Ethiofencarb	29973-13-5	CPS-2058	100 mg	***
Ethion	563-12-2	CPS-92	250 mg	***
Ethofumesate	26225-79-6	CPS-1045	1 gm	***
Ethoxyquin	91-53-2	CPS-432	250 mg	***
Ethoxysulfuron		CPS-2303	100 mg	***
S-Ethyl dipropylthiocarbamate	759-94-4	CPS-54	500 mg	***
Ethyl-3-amino-2,5-dichlorobenzoate	60541-86-8	CPS-326	100 mg	***
2-Ethyl-1,3-hexanediol	94-96-2	CPS-102	1 gm	***
2-Ethylhexyl-2,4-dichlorophenoxy acetate	1928-43-4	CPS-319-1	1 gm	***
Ethylmercuric chloride	107-27-7	CPS-209	250 mg	***
Ethyl-1-naphthalene acetate	2122-70-5	CPS-335	1 gm	***
Etofenprox	80844-07-1	CPS-2237	100 mg	***
Etoxazole	153233-91-1	CPS-2257	50 mg	***
Famoxadone	131807-57-3	CPS-2259	100 mg	***
Famphur	52-85-7	CPS-671	250 mg	***
▲ Famphur-O-analog	960-25-8	CMET-671A	50 mg	***
▲ <i>p</i> -Hydroxy-N,N-dimethylbenzene sulfonamide		CMET-671B	10 mg	***

▲ pesticide metabolite

## Neat Pesticides and Pesticide Metabolites – from Chem Service

Need pesticides in solution? See pages 305-319 for ULTRA's pesticide solution standards

### Pesticides and Pesticide Metabolites

Pesticide	CAS #	Catalog #	Unit Size	Price
Fenac	85-34-7	CPS-308	1 gm	***
Fenamidone	161326-34-7	CPS-2292	100 mg	***
Fenarimol	60168-88-9	CPS-1073	100 mg	***
Fenazaquin	120928-09-8	CPS-2258	100 mg	***
Fenbuconazole	114369-43-6	CPS-2072	100 mg	***
Fenbutatin-oxide	13356-08-6	CPS-1060	1 gm	***
Fenclorphos	299-84-3	CPS-657	100 mg	***
▲ Fenclorphos-oxon		CMET-657A	100 mg	***
Fenhexamid	126833-17-8	CPS-2202	250 mg	***
Fenitrothion	122-14-5	CPS-678	250 mg	***
▲ Fenitrothion-O-analog (@ 100 µg/mL in hexane)	2255-17-6	CMET-678A	1 x 5 mL	***
▲ 3-Methyl-4-nitrophenol	2581-34-2	CMET-678B	1 gm	***
Fenoxaprop ethyl	66441-23-4	CPS-1088	100 mg	***
Fenoxaprop-P-ethyl	71283-80-2	CPS-2223	100 mg	***
Fenoxycarb	79127-80-3	CPS-2174	100 mg	***
Fenpropathrin	64257-84-7	CPS-2002	250 mg	***
Fenpropimorph (@ 100 µg/mL in toluene)	67564-91-4	CPS-1214	1 x 5 mL	***
Fenpyroximate	134098-61-6	CPS-2216	100 mg	***
Fensulfothion	115-90-2	CPS-667	100 mg	***
Fenthion	55-38-9	CPS-655	250 mg	***
▲ Fenthion-sulfone	3761-42-0	CMET-655A	100 mg	***
▲ Fenthion sulfoxide (@ 100 µg/mL in methylene chloride)	3761-41-9	CMET-655B	1 x 5 mL	***
▲ Fenthion-O-analog (@ 100 µg/mL in isooctane)	6552-12-1	CMET-655C	1 x 5 mL	***
▲ Fenthion sulfoxide	3761-41-9	CMET-655D	100 mg	***
Fenthion-ethyl	1716-09-2	CPS-2275	500 mg	***
Fentin hydroxide	76-87-9	CPS-1031	500 mg	***
Fenuron TCA	4482-55-7	CPS-364	1 gm	***
Fenvalerate	51630-58-1	CPS-1032	250 mg	***
▲ 2-(p-Chlorophenyl)-3-methyl butyric acid	2012-74-0	CMET-1032A	100 mg	***
Ferbam	14484-64-1	CPS-20	1 gm	***
Fipronil	120068-37-3	CPS-2136	100 mg	***
▲ Fipronil sulfone	120068-36-2	CMET-2136A	50 mg	***
▲ Fipronil sulfide	120067-83-6	CMET-2136B	25 mg	***
Flamprop isopropyl	52756-22-6	CPS-2037	100 mg	***
Flamprop-methyl	52756-25-9	CPS-2038	100 mg	***
Flocoumafen	90035-08-8	CPS-2149	10 mg	***
Flonicamid	158062-67-0	CPS-2290	100 mg	***
Fluazifop (@ 100 µg/mL in acetonitrile)	69335-91-7	CPS-1205	1 x 5 mL	***
Fluazifop-butyl	69806-50-4	CPS-2240	250 mg	***
Fluazifop-p-butyl	79241-46-6	CPS-1097	100 mg	***
Fluazinam	79622-59-6	CPS-2249	100 mg	***
Flubendiamide	272451-65-7	CPS-2342	100 mg	***
Flucarbazone-sodium	181274-17-9	CPS-2231	250 mg	***
Fluchloralin	33245-39-5	CPS-1012	50 mg	***
Flucythrinate	70124-77-5	CPS-1072	30 mg	***
Fludioxonil	131341-86-1	CPS-2172	100 mg	***
Flufenacet	142459-58-3	CPS-2205	100 mg	***
▲ Flufenacet ESA sodium salt		CMET-2205A	25 mg	***
▲ Flufenacet OA		CMET-2205B	10 mg	***
Flufenoxuron	101463-69-8	CPS-2213	50 mg	***
Flumetralin	62924-70-3	CPS-2168	250 mg	***

▲ pesticide metabolite

## Neat Pesticides and Pesticide Metabolites – from Chem Service

Need pesticides in solution? See pages 305-319 for ULTRA's pesticide solution standards

### Pesticides and Pesticide Metabolites

Pesticide	CAS #	Catalog #	Unit Size	Price
Flumetralin (@ 100 µg/mL in acetone)	62924-70-3	CPS-1211	1 x 5 mL	***
Flumetsulam	98967-40-9	CPS-2111	500 mg	***
Flumiclorac-pentyl	87546-18-7	CPS-2119	500 mg	***
Flumioxazin	103361-09-7	CPS-2245	100 mg	***
Fluometuron	2164-17-2	CPS-369	1 gm	***
2-Fluoroacetamide	640-19-7	CPS-2029	1 gm	***
Fluorodifen	15457-05-3	CPS-431	1 gm	***
Fluroxypyr		CPS-2339	100 mg	***
Fluroxypyr-meptyl	81406-37-3	CPS-2191	100 mg	***
Flurprimidol	56425-91-3	CPS-2131	100 mg	***
Flusilazole	85509-19-9	CPS-2041	100 mg	***
Flutolanil	66332-96-5	CPS-2057	250 mg	***
▲ Methyl <i>o</i> -trifluoromethylbenzoate	344-96-7	CMET-2057A	100 mg	***
▲ <i>alpha, alpha, alpha</i> -Trifluoro- <i>o</i> -toluic acid	433-97-6	CMET-2057B	500 mg	***
▲ <i>alpha, alpha, alpha</i> -Trifluoro-3'-hydroxy- <i>o</i> -toluanilide		CMET-2057C	250 mg	***
Flutriafol	76674-21-0	CPS-2177	100 mg	***
<i>tau</i> -Fluvalinate	102851-06-9	CPS-1071	100 mg	***
Folicur™	107534-96-3	CPS-1091	100 mg	***
Folpet	133-07-3	CPS-26	250 mg	***
▲ Phthalamic acid	88-97-1	CMET-26A	100 mg	***
Fomesafen	72178-02-0	CPS-2102	500 mg	***
Foramsulfuron	173159-57-4	CPS-2232	100 mg	***
Forchlorfenuron	68157-60-8	CPS-2150	100 mg	***
Formaldehyde (in water)	50-00-0	CPS-2031	1 gm	***
Formetanate hydrochloride	23422-53-9	CPS-400	1 gm	***
Formothion	2540-82-1	CPS-2036	100 mg	***
Fosamine Ammonium	25954-13-6	CPS-414	1 gm	***
Fosetyl-Aluminum	39148-24-8	CPS-2026	100 mg	***
Fosthiazate	98886-44-3	CPS-2273	30 mg	***
Fuberidazole	3878-19-1	CPS-2059	100 mg	***
2-Furanacrylic acid	539-47-9	CPS-341	1 gm	***
Gibberellic acid	77-06-5	CPS-49	500 mg	***
Glufosinate-ammonium	77182-82-2	CPS-2124	250 mg	***
Glyodin	556-22-9	CPS-261	1 gm	***
Glyphosate	1071-83-6	CPS-1051	1 gm	***
▲ Aminomethyl phosphonic acid	1066-51-9	CMET-1051A	100 mg	***
Glyphosate-isopropylammonium	38641-94-0	CPS-2185	250 mg	***
Glyphosine	2439-99-8	CPS-2164	1 gm	***
▲ Iminobis (methylphosphonic acid)	6711-48-4	CMET-2164A	500 mg	***
Guthion Ethyl	2642-71-9	CPS-673	100 mg	***
Guthion™	86-50-0	CPS-666	1 gm	***
▲ Azinphos-methyl oxon (@ 100 µg/mL in toluene)		CMET-666A	1 x 5 mL	***
Halofenozide	112226-61-6	CPS-2146	500 mg	***
Halosulfuron-methyl	100784-20-1	CPS-2108	100 mg	***
Heptachlor	76-44-8	CPS-78	100 mg	***
<i>trans</i> -Heptachlor epoxide	28044-83-9	CPS-700-1	50 mg	***
Heptachlor epoxide (Isomer B)	1024-57-3	CPS-700	50 mg	***
Heptenophos	23560-59-0	CPS-2225	100 mg	***
Hexachloroacetone	116-16-5	CPS-272	1 gm	***
Hexachlorobenzene	118-74-1	CPS-690	1 gm	***
▲ Tetrachlorohydroquinone	87-87-6	CMET-690A	1 gm	***

▲ pesticide metabolite

## Neat Pesticides and Pesticide Metabolites – from Chem Service

Need pesticides in solution? See pages 305-319 for ULTRA's pesticide solution standards

### Pesticides and Pesticide Metabolites

Pesticide	CAS #	Catalog #	Unit Size	Price
▲ Pentachlorothiophenol	133-49-3	CMET-690B	100 mg	***
Hexachlorodimethyl sulfone		CPS-171	1 gm	***
1,4,5,6,7,7-Hexachloro-N-(ethylmercuri)-5-norbornene-2,3-dicarboximide		CPS-13	1 gm	***
Hexachlorophene	70-30-4	CPS-1035	1 gm	***
Hexaconazole	79983-71-4	CPS-2157	100 mg	***
Hexaflumuron	86479-06-3	CPS-2074	250 mg	***
Hexythiazox	78587-05-0	CPS-1079	100 mg	***
S-Hydroprene	65733-18-8	CPS-2134	50 mg	***
2-Hydroxyethyl- <i>n</i> -octyl sulphide	3547-33-9	CPS-952	1 gm	***
8-Hydroxyquinoline	148-24-3	CPS-18	1 gm	***
Hymexazole	10004-44-1	CPS-2186	25 mg	***
Imazalil	35554-44-0	CPS-2043	100 mg	***
Imazalil sulfate	60534-80-7	CPS-2043-1	100 mg	***
Imazamethabenz-methyl	81405-85-8	CPS-2195	100 mg	***
Imazamox	114311-32-9	CPS-2162	500 mg	***
Imazapic	104098-48-8	CPS-2197	250 mg	***
Imazapyr™	81334-34-1	CPS-2016	100 mg	***
Imazaquin	81335-37-7	CPS-2053	100 mg	***
Imazethapyr	81335-77-5	CPS-2039	100 mg	***
Imidacloprid	138261-41-3	CPS-2086	500 mg	***
Imidan™	732-11-6	CPS-653	1 gm	***
▲ Phosmet-oxon (@ 100 µg/mL in toluene)		CMET-653A	1 x 5 mL	***
2-Imidazolidinethione	96-45-7	CPS-2180	1 gm	***
3-Indoleacetic acid	87-51-4	CPS-320	1 gm	***
3-Indolebutyric acid	133-32-4	CPS-48	100 mg	***
3-Indolepropionic acid	830-96-6	CPS-321	1 gm	***
Indoxacarb	173584-44-6	CPS-2230	100 mg	***
Iodofenphos (@ 100 µg/mL in acetone)	18181-70-9	CPS-1206	1 x 5 mL	***
Ioxynil octanoate	3861-47-0	CPS-2250	100 mg	***
Iprobenfos	26087-47-8	CPS-2065	250 mg	***
Iprodione	36734-19-7	CPS-1052	100 mg	***
▲ 3,5-Dichloroaniline	626-43-7	CMET-1052B	250 mg	***
Isazophos	42509-80-8	CPS-681	1 gm	***
Isobenzan	297-78-9	CPS-704	10 mg	***
Isobornyl thiocynoacetate	115-31-1	CPS-731	1 gm	***
Isodrin	465-73-6	CPS-2103	1 gm	***
Isufenphos	25311-71-1	CPS-1003	100 mg	***
▲ Isofenphos-des-N-isopropyl (@ 100 µg/mL in hexane)		CMET-1003A	1 x 1 mL	***
▲ Isofenphos-des-N-isopropyl-O-analogue (@ 10 µg/mL in cyclohexane)		CMET-1003B	1 x 5 mL	***
▲ Isofenphos-des-N-isopropyl		CMET-1003C	100 mg	***
Isoprocab	2631-40-5	CPS-2070	250 mg	***
Isoproalin	33820-53-0	CPS-406	1 gm	***
Isopropylbenzene	98-82-8	CPS-2179	1 gm	***
Isopropyl-4,4'-dichlorobenzilate	5836-10-2	CPS-857	1 gm	***
Isoprothiolane	50512-35-1	CPS-2101	250 mg	***
Isoproturon	34123-59-6	CPS-2000	100 mg	***
▲ Monodesmethyl Isoproturon	34123-57-4	CMET-2000A	250 mg	***
2-Isovaleryl-1,3-indanedione	83-28-3	CPS-911	250 mg	***
Isoxaben	82558-50-7	CPS-2129	1 gm	***
Isoxaflutole	141112-29-0	CPS-2166	500 mg	***
▲ 2-Methylsulfonyl-4-trifluoromethyl benzoic acid	142994-06-7	CMET-2166B	100 mg	***

▲ pesticide metabolite

## Neat Pesticides and Pesticide Metabolites – from Chem Service

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### Pesticides and Pesticide Metabolites

Pesticide	CAS #	Catalog #	Unit Size	Price
▲ 1-(Methylsulfonyl-4-trifluoromethyl phenyl)-2-cyano-3-cyclopropyl propyl-1,3 dione	143701-75-1	CMET-2166A	100 mg	***
Ivermectin	70288-86-7	CPS-2220	100 mg	***
Kelthane™	115-32-2	CPS-82	250 mg	***
▲ <i>o,p</i> -Dicofol (@ 100 µg/mL in acetonitrile)		CMET-82A	1 x 5 mL	***
Kepone™	143-50-0	CPS-701	50 mg	***
Kinetin	525-79-1	CPS-2314	250 mg	***
Kinoprene	42588-37-4	CPS-2051	100 mg	***
Kresoxim-methyl	143390-89-0	CPS-2182	250 mg	***
Lactofen	77501-63-4	CPS-2077	100 mg	***
<i>lambda</i> -Cyhalothrin	91465-08-6	CPS-2018	100 mg	***
Lead arsenate	7784-40-9	CPS-290	1 gm	***
Lenacil	2164-08-1	CPS-415	1 gm	***
Leptophos	21609-90-5	CPS-677	1 gm	***
▲ Leptophos oxon		CMET-677A	50 mg	***
▲ 4-Bromo-2,5-dichlorophenol	1940-42-7	CMET-677B	100 mg	***
Lindane	58-89-9	CPS-71	500 mg	***
Linuron	330-55-2	CPS-372	250 mg	***
▲ 3,4-Dichloroaniline	95-76-1	CMET-372A	1 gm	***
Lontrel™	1702-17-6	CPS-1069	250 mg	***
Lufenuron	103055-07-8	CPS-2252	100 mg	***
Malathion	121-75-5	CPS-86	500 mg	***
▲ Isomalathion (@ 100ug/mL in hexane)	3344-12-5	CMET-86A	1 x 5 mL	***
▲ Malathion monocarboxylic acid (@ 100 µg/mL in MTBE)	35884-76-5	CMET-86B	1 x 1 mL	***
▲ Malathion-O-analog	1634-78-2	CMET-86C	100 mg	***
▲ Malathion monocarboxylic acid	35884-76-5	CMET-86D	100 mg	***
Maleic hydrazide	123-33-1	CPS-65	1 gm	***
Mancozeb	8018-01-7	CPS-2095	500 mg	***
Maneb	12427-38-2	CPS-22	1 gm	***
MCPB	94-81-5	CPS-307	100 mg	***
MCPB methyl ester	57153-18-1	CPS-1084	500 mg	***
Mecarbam	2595-54-2	CPS-2283	50 mg	***
Mecoprop	7085-19-0	CPS-324	100 mg	***
Mecoprop methyl ester	23844-56-6	CPS-1106	100 mg	***
Mecoprop-P	16484-77-8	CPS-2116	500 mg	***
Mecoprop-2,4,4-trimethylpentyl ester (@ 100 µg/mL in acetone)		CPS-1212	1 x 5 mL	***
Mefenacet	73250-68-7	CPS-2140	250 mg	***
Mefenoxam	70630-17-0	CPS-2160	100 mg	***
Mefenpyr-diethyl	135590-91-9	CPS-2287	100 mg	***
Mefluidide	53780-34-0	CPS-2050	100 mg	***
Mepanipyrim	110235-47-7	CPS-2302	100 mg	***
Mephosfolan	950-10-7	CPS-1026	100 mg	***
Mepiquat chloride	24307-26-4	CPS-1047	10 mg	***
▲ N-Methylpiperidine	626-67-5	CMET-1047A	1 gm	***
Mepronil	55814-41-0	CPS-2227	100 mg	***
Mesotrione	104206-82-8	CPS-2274	100 mg	***
Metalaxyl	57837-19-1	CPS-1099	100 mg	***
Metaldehyde	9002-91-9	CPS-2030	1 gm	***
Metamitron	41394-05-2	CPS-2117	500 mg	***
Metasystox I™	919-86-8	CPS-1096	50 mg	***
Metazachlor	67129-08-2	CPS-2312	100 mg	***

▲ pesticide metabolite

## Neat Pesticides and Pesticide Metabolites – from Chem Service

Need pesticides in solution? See pages 305-319 for ULTRA's pesticide solution standards

### Pesticides and Pesticide Metabolites

Pesticide	CAS #	Catalog #	Unit Size	Price
Methabenzthiazuron	18691-97-9	CPS-2048	100 mg	***
Methacrifos	30864-28-9	CPS-2218	100 mg	***
Metham sodium	6734-80-1	CPS-221	500 mg	***
▲ Methyl isothiocyanate	556-61-6	CMET-221A	1 gm	***
Methamidophos	10265-92-6	CPS-676	100 mg	***
Methidathion	950-37-8	CPS-679	250 mg	***
Methiocarb	2032-65-7	CPS-543	100 mg	***
▲ Methiocarb sulfone		CMET-543A	50 mg	***
▲ Methiocarb sulfoxide (@ 100 µg/mL in toluene)		CMET-543B	1 x 5 mL	***
Methomyl	16752-77-5	CPS-775	100 mg	***
Methoprene™	40596-69-8	CPS-1040	250 mg	***
Methoprotryne	841-06-5	CPS-2122	100 mg	***
Methoxychlor	72-43-5	CPS-83	250 mg	***
▲ <i>o,p'</i> -Methoxychlor		CMET-83A	100 mg	***
▲ <i>p,p'</i> -Methoxychlor-olefin		CMET-83B	50 mg	***
Methoxyfenozide	161050-58-4	CPS-2264	100 mg	***
Methyl anthranilate	134-20-3	CPS-2055	100 mg	***
Methyl parathion	298-00-0	CPS-94	250 mg	***
N-Methyl-methamidophos	28167-49-9	CPS-676-1	50 mg	***
Methyl-1-naphthalene acetate	2876-78-0	CPS-30	1 gm	***
N-Methyl-N-1-naphthyl acetamide		CPS-352	1 gm	***
Metobromuron	3060-89-7	CPS-374	1 gm	***
▲ <i>p</i> -Bromoaniline	106-40-1	CMET-374B	1 gm	***
Metolachlor	51218-45-2	CPS-403	100 mg	***
▲ 2-[(2-Ethyl-6-methylphenyl)amino]-1-propanol		CMET-403A	50 mg	***
▲ Metolachlor ESA sodium salt		CMET-403C	25 mg	***
▲ Metolachlor OA		CMET-403D	10 mg	***
S-Metolachlor	87392-12-9	CPS-403-1	100 mg	***
Metolcarb	1129-41-5	CPS-2096	100 mg	***
Metoxuron	19937-59-8	CPS-2178	250 mg	***
Metribuzin	21087-64-9	CPS-398	250 mg	***
Metsulfuron methyl	74223-64-6	CPS-1078	100 mg	***
<i>cis</i> -Mevinphos	26718-65-0	CPS-87-1	100 mg	***
MGK 264™	113-48-4	CPS-962	250 mg	***
Mirex	2385-85-5	CPS-702	100 mg	***
Molinate	2212-67-1	CPS-501	250 mg	***
Monceren™	66063-05-6	CPS-1095	100 mg	***
Monocrotophos	6923-22-4	CPS-609	250 mg	***
Monolinuron	1746-81-2	CPS-2210	250 mg	***
Monosodium acid methane arsonate sesquihydrate	2163-80-6	CPS-429	1 gm	***
Monothiono TEPP	645-78-3	CPS-2181	50 mg	***
Monuron	150-68-5	CPS-59	1 gm	***
▲ N,N'-Bis( <i>p</i> -chlorophenyl)urea	1219-99-4	CMET-59A	500 mg	***
Monuron TCA	140-41-0	CPS-371	1 gm	***
Nabam	142-59-6	CPS-220	1 gm	***
Naled	300-76-5	CPS-605	250 mg	***
1-Naphthaleneacetamide	86-86-2	CPS-28	1 gm	***
1-Naphthaleneacetic acid	86-87-3	CPS-29	1 gm	***
1,8-Naphthalic anhydride	81-84-5	CPS-1048	500 mg	***
2-Naphthoxyacetic acid	120-23-0	CPS-35	1 gm	***
N-1-Naphthylacetamide		CPS-354	500 mg	***

▲ pesticide metabolite

## Neat Pesticides and Pesticide Metabolites – from Chem Service

Need pesticides in solution? See pages 305-319 for ULTRA's pesticide solution standards

### Pesticides and Pesticide Metabolites

Pesticide	CAS #	Catalog #	Unit Size	Price
N-1-Naphthylphthalamic acid	132-66-1	CPS-343	250 mg	***
▲ N-(1-Naphthyl)phthalimide		CMET-343A	1 gm	***
α-Naphthylthiourea	86-88-4	CPS-106	1 gm	***
Neburon	555-37-3	CPS-377	1 gm	***
Neomycin sulfate salt	1405-10-3	CPS-2201	250 mg	***
Nicarbazin	330-95-0	CPS-2313	100 mg	***
Niclosamide	50-65-7	CPS-1207	250 mg	***
Nicotine	54-11-5	CPS-85	1 gm	***
Nitralin	4726-14-1	CPS-358	1 gm	***
Nitrapyrin	1929-82-4	CPS-419	100 mg	***
▲ 6-Chloro-2-picolinic acid methyl ester (@ 100 µg/mL in hexane)		CMET-419B	1 x 5 mL	***
Nitrofen	1836-75-5	CPS-394	100 mg	***
Norflurazon™	27314-13-2	CPS-1044	100 mg	***
Novaluron	116714-46-6	CPS-2253	100 mg	***
Octamethylpyrophosphoamide		CPS-2338	50 mg	***
Omethoate	1113-02-6	CPS-2017	100 mg	***
Omite™	2312-35-8	CPS-858	1 gm	***
▲ 2-(4-tert-Butylphenoxy)cyclohexanol	1942-71-8	CMET-858A	100 mg	***
▲ 1,2-Cyclohexanediol ( <i>cis</i> & <i>trans</i> mixture)	931-17-9	CMET-858B	1 gm	***
Ormetoprim	6981-18-6	CPS-2277	250 mg	***
Oryzalin	19044-88-3	CPS-410	1 gm	***
Ovex	80-33-1	CPS-855	1 gm	***
Oxadiazon	19666-30-9	CPS-1050	250 mg	***
▲ Oxadiazon-hydroxy (@ 10 µg/mL in toluene)		CMET-1050A	1 x 5 mL	***
Oxadixyl	77732-09-3	CPS-2137	100 mg	***
Oxamyl	23135-22-0	CPS-737	250 mg	***
Oxolinic acid	14698-29-4	CPS-2297	250 mg	***
Oxycarboxin	5259-88-1	CPS-295	1 gm	***
Oxydemeton-methyl	301-12-2	CPS-641	50 mg	***
Oxyfluorfen	42874-03-3	CPS-1033	1 gm	***
Oxytetracycline hydrochloride	2058-46-0	CPS-2200	250 mg	***
Paclobutrazol	76738-62-0	CPS-2097	500 mg	***
Paraoxon	311-45-5	CPS-610	100 mg	***
Paraquat Cl tetrahydrate	1910-42-5	CPS-366	500 mg	***
Parathion™	56-38-2	CPS-95	500 mg	***
Penconazole	66246-88-6	CPS-2207	100 mg	***
Pentac™	2227-17-0	CPS-862	1 gm	***
Pentachloroanisole	1825-21-4	CPS-1109	1 gm	***
Pentachloronitrobenzene	82-68-8	CPS-150	1 gm	***
▲ Pentachloroaniline	527-20-8	CMET-150A	100 mg	***
Pentachlorophenol	87-86-5	CPS-7	1 gm	***
Perchloromethyl mercaptan	594-42-3	CPS-224	1 gm	***
Permethrin	52645-53-1	CPS-758	250 mg	***
▲ 3-(2,2-Dichlorovinyl)-2,2-dimethyl-(1-cyclopropane)carboxylic acid	55701-05-8	CMET-758A	10 mg	***
▲ <i>m</i> -Phenoxybenzyl alcohol	13826-35-2	CMET-758B	1 gm	***
▲ 3-Phenoxybenzoic acid	3739-38-6	CMET-758C	1 gm	***
<i>cis</i> -Permethrin		CPS-758-1	50 mg	***
<i>trans</i> -Permethrin (isomeric mix)	61949-77-7	CPS-758-2	50 mg	***
Perthane™	72-56-0	CPS-73	1 gm	***
Phenamiphos	22224-92-6	CPS-612	250 mg	***
▲ Fenamiphos sulfoxide	31972-43-7	CMET-612A	50 mg	***

▲ pesticide metabolite



## Neat Pesticides and Pesticide Metabolites – from Chem Service

Need pesticides in solution? See pages 305-319 for ULTRA's pesticide solution standards

### Pesticides and Pesticide Metabolites

Pesticide	CAS #	Catalog #	Unit Size	Price
▲ Fenamiphos sulfone	31972-44-8	CMET-612B	100 mg	***
Phenmedipham	13684-63-4	CPS-1014	250 mg	***
Phenothiazine	92-84-2	CPS-733	1 gm	***
Phenoxyacetic acid	122-59-8	CPS-36	1 gm	***
2-Phenoxypropionic acid	940-31-8	CPS-37	1 gm	***
Phenthoate	2597-03-7	CPS-2025	100 mg	***
Phentinoacetate	900-95-8	CPS-1021	1 gm	***
Phenyl mercuric acetate	62-38-4	CPS-14	1 gm	***
Phenyl mercuric benzoate		CPS-15	1 gm	***
Phenyl mercuric chloride	100-56-1	CPS-214	1 gm	***
Phenyl mercuric hydroxide	100-57-2	CPS-215	1 gm	***
Phenyl mercuric lactate		CPS-216	1 gm	***
Phenyl mercuric phthalate		CPS-217	1 gm	***
Phenylmercuric oleate	104-60-9	CPS-199	100 mg	***
Phenylmercury borate	102-98-7	CPS-203	100 mg	***
Phenylmercury nitrate	55-68-5	CPS-202	100 mg	***
Phenylmercury salicylate	28086-13-7	CPS-205	1 gm	***
<i>o</i> -Phenylphenol	90-43-7	CPS-420	1 gm	***
Phenyl-2-thiourea	103-85-5	CPS-801	1 gm	***
Phorate	298-02-2	CPS-654	100 mg	***
▲ Phorate-oxon (@ 100 µg/mL in toluene)		CMET-654A	1 x 5 mL	***
▲ Phorate sulfone (@ 100 µg/mL in hexane)	2588-04-7	CMET-654B	1 x 5 mL	***
▲ Phorate sulfoxide	2588-03-6	CMET-654C	100 mg	***
Phosalone	2310-17-0	CPS-682	100 mg	***
Phosdrin™	7786-34-7	CPS-87	250 mg	***
Phosfolan	947-02-4	CPS-842	1 gm	***
Phosphamidon	13171-21-6	CPS-606	250 mg	***
Phosphan	115-78-6	CPS-67	50 mg	***
Phoxim	14816-18-3	CPS-2100	1 gm	***
Phthalanillic acid	4727-29-1	CPS-2114	1 gm	***
Picloram	1918-02-1	CPS-274	250 mg	***
Picloram methyl ester	14143-55-6	CPS-1108	100 mg	***
Pinnacle™	79277-27-3	CPS-2011	100 mg	***
Pinoxaden	243973-20-8	CPS-2319	100 mg	***
Piperalin	3478-94-2	CPS-409	1 gm	***
Piperonyl butoxide	51-03-6	CPS-100	100 mg	***
Pirimicarb	23103-98-2	CPS-757	250 mg	***
Pirimiphos-ethyl	23505-41-1	CPS-643	250 mg	***
Pirimiphos-methyl	29232-93-7	CPS-644	250 mg	***
▲ 2-Diethylamino-6-methyl pyrimidin-4-ol		CMET-644A	100 mg	***
2-Pivaloyl-1,3-indandione	83-26-1	CPS-905	250 mg	***
Polyram™	9006-42-2	CPS-225	1 gm	***
Potassium cyanate	590-28-3	CPS-289	1 gm	***
Prallethrin	23031-36-9	CPS-2109	10 mg	***
Pretilachlor	51218-49-6	CPS-2294	250 mg	***
Primisulfuron-methyl	86209-51-0	CPS-2169	500 mg	***
Probenazole	27605-76-1	CPS-2082	500 mg	***
Prochloraz	67747-09-5	CPS-2175	250 mg	***
Procyazine	32889-48-8	CPS-402	1 gm	***
Procymidone	32809-16-8	CPS-2126	250 mg	***
Prodiamine	29091-21-2	CPS-2133	500 mg	***

▲ pesticide metabolite

## Neat Pesticides and Pesticide Metabolites – from Chem Service

Need pesticides in solution? See pages 305-319 for ULTRA's pesticide solution standards

### Pesticides and Pesticide Metabolites

Pesticide	CAS #	Catalog #	Unit Size	Price
Profenofos	41198-08-7	CPS-1024	250 mg	***
▲ 4-Bromo-2-chlorophenol	3964-56-5	CMET-1024A	500 mg	***
Profluralin™	26399-36-0	CPS-399	1 gm	***
Prohexadione	88805-35-0	CPS-2226-1	100 mg	***
Prohexadione-Calcium	127277-53-6	CPS-2226	100 mg	***
Promecarb	2631-37-0	CPS-2027	100 mg	***
Prometon	1610-18-0	CPS-386	250 mg	***
Prometryne	7287-19-6	CPS-384	1 gm	***
Propachlor	1918-16-7	CPS-355	250 mg	***
▲ Propachlor ESA sodium salt		CMET-355A	25 mg	***
▲ Propachlor OA sodium salt		CMET-355B	10 mg	***
Propamocarb	24579-73-5	CPS-2167-1	250 mg	***
Propamocarb HCl	25606-41-1	CPS-2167	250 mg	***
Propazine	139-40-2	CPS-385	500 mg	***
▲ Propazine-2-hydroxy (@ 100 µg/mL in acetonitrile:water (75:25))		CMET-385A	1 x 5 mL	***
Propham	122-42-9	CPS-53	1 gm	***
Propios	13194-48-4	CPS-672	250 mg	***
Propineb	9016-72-2	CPS-2062	250 mg	***
S-Propyl butylethylthiocarbamate	1114-71-2	CPS-55	1 gm	***
Propyzamide	23950-58-5	CPS-349	1 gm	***
Prosulfuron	94125-34-5	CPS-2123	500 mg	***
Prothiophos	34643-46-4	CPS-1094	100 mg	***
Prowl™	40487-42-1	CPS-401	1 gm	***
▲ N-Nitrosopendimethalin		CMET-401A	100 mg	***
Pymetrozine	123312-89-0	CPS-2189	250 mg	***
Pyraclifos	77458-01-6	CPS-2046	50 mg	***
Pyraclostrobin	175013-18-0	CPS-2235	100 mg	***
Pyraflufen-ethyl	129630-19-9	CPS-2306	100 mg	***
Pyrazon	1698-60-8	CPS-430	250 mg	***
Pyrazophos	13457-18-6	CPS-2049	100 mg	***
Pyrazosulfuron-ethyl	93697-74-6	CPS-2105	100 mg	***
Pyrazoxyfen	71561-11-0	CPS-2064	1 gm	***
Pyrethrum	8003-34-7	CPS-97	100 mg	***
Pyridaben	96489-71-3	CPS-2125	1 gm	***
Pyridaphenthion	119-12-0	CPS-2155	250 mg	***
Pyridate	55512-33-9	CPS-2081	500 mg	***
Pyrimethanil	53112-28-0	CPS-2251	100 mg	***
Pyriproxyfen	95737-68-1	CPS-2110	100 mg	***
Pyriithiobac-Sodium	123343-16-8	CPS-2145	500 mg	***
Quinalphos	13593-03-8	CPS-2010	250 mg	***
Quinclorac	84087-01-4	CPS-2098	500 mg	***
Quinomethionate	2439-01-2	CPS-860	250 mg	***
Quinoxifen	124495-18-7	CPS-2284	100 mg	***
Quizalofop ethyl	76578-14-8	CPS-1080	100 mg	***
▲ Quizalofop	76578-12-6	CMET-1080A	50 mg	***
▲ Quizalofop methyl		CMET-1080B	50 mg	***
Quizalofop-P-ethyl	100646-51-3	CPS-2151	500 mg	***
Resmethrin	10453-86-8	CPS-1000	250 mg	***
▲ 5-(Phenylmethyl)-3-furanmethanol		CMET-1000A	100 mg	***
Rimsulfuron	122931-48-0	CPS-2118	100 mg	***
Rotenone	83-79-4	CPS-99	250 mg	***

▲ pesticide metabolite

## Neat Pesticides and Pesticide Metabolites – from Chem Service

Need pesticides in solution? See pages 305-319 for ULTRA's pesticide solution standards

### Pesticides and Pesticide Metabolites

Pesticide	CAS #	Catalog #	Unit Size	Price
Ruelene™	299-86-5	CPS-607	50 mg	***
▲ 4- <i>tert</i> -Butyl-2-chlorophenol	98-28-2	CMET-607A	10 mg	***
Safrotrin™	31218-83-4	CPS-1076	100 mg	***
Sesone™	149-26-8	CPS-313	1 gm	***
Sethoxydim	74051-80-2	CPS-2013	100 mg	***
Siduron	1982-49-6	CPS-373	1 gm	***
Silvex	93-72-1	CPS-47	250 mg	***
Silvex isooctyl ester		CPS-329	1 gm	***
Silvex methyl ester	4841-20-7	CPS-342	250 mg	***
Simazine	122-34-9	CPS-58	500 mg	***
▲ Atrazine desisopropyl	1007-28-9	CMET-58A	50 mg	***
▲ Simazine hydroxy	2599-11-3	CMET-58B	25 mg	***
▲ 2-Chloro-4,6-diamino-1,3,5-triazine	3397-62-4	CMET-58C	100 mg	***
Simetryn	1014-70-6	CPS-381	50 mg	***
Sodium arsenate	7778-43-0	CPS-428	1 gm	***
Sodium fluoroacetate	62-74-8	CPS-105	1 gm	***
Sonar™	59756-60-4	CPS-1070	100 mg	***
Spinosad		CPS-2211	100 mg	***
Spirodiclofen	148477-71-8	CPS-2321	100 mg	***
Spiromesifen	283594-90-1	CPS-2322	100 mg	***
Spiroxamine	118134-30-8	CPS-2293	100 mg	***
Streptomycin sulfate	3810-74-0	CPS-2263	250 mg	***
Strobane™	8001-50-1	CPS-2023	100 mg	***
Sulfabenzamide	127-71-9	CPS-2326	250 mg	***
Sulfachloropyridazine	80-32-0	CPS-2333	250 mg	***
Sulfadimethoxine	122-11-2	CPS-2278	250 mg	***
Sulfamerazine	127-79-7	CPS-2327	250 mg	***
Sulfamethazine	57-68-1	CPS-2328	250 mg	***
Sulfamethizole	144-82-1	CPS-2335	250 mg	***
Sulfamethoxazole	723-46-6	CPS-2329	250 mg	***
Sulfanilic acid	121-57-3	CPS-2330	250 mg	***
Sulfapyridine	144-83-2	CPS-2331	250 mg	***
Sulfaquinoxaline	59-40-5	CPS-2056	10 mg	***
Sulfathiazole	72-14-0	CPS-2332	250 mg	***
Sulfentrazone	122836-35-5	CPS-2132	250 mg	***
Sulfometuron methyl	74222-97-2	CPS-1074	100 mg	***
Sulfosulfuron	141776-32-1	CPS-2224	100 mg	***
Sulfotep	3689-24-5	CPS-2024	50 mg	***
Sulfoxide	120-62-7	CPS-976	100 mg	***
Sulprofos	35400-43-2	CPS-1018	100 mg	***
▲ Sulprofos sulfone (@ 100 µg/mL in toluene)		CMET-1018A	1 x 5 mL	***
▲ Sulprofos-sulfoxide	34643-47-5	CMET-1018C	100 mg	***
Super-Rozol	28772-56-7	CPS-1038	100 mg	***
Sweep	1918-18-9	CPS-1098	50 mg	***
Systhane™	88671-89-0	CPS-2006	100 mg	***
2,4,5-T™	93-76-5	CPS-45	250 mg	***
2,4,5-T-amine		CPS-296	1 gm	***
2,4,5-T butoxyethyl ester	2545-59-7	CPS-309	1 gm	***
2,4,5-T <i>n</i> -butyl ester	93-79-8	CPS-303	1 gm	***
2,4,5-T 2-ethylhexyl ester	1928-47-8	CPS-297-1	250 mg	***
2,4,5-T isooctyl ester	25168-15-4	CPS-297	100 mg	***

▲ pesticide metabolite

## Neat Pesticides and Pesticide Metabolites – from Chem Service

Need pesticides in solution? See pages 305-319 for ULTRA's pesticide solution standards

### Pesticides and Pesticide Metabolites

Pesticide	CAS #	Catalog #	Unit Size	Price
2,4,5-T isopropyl ester	93-78-7	CPS-46	100 mg	***
TCMTB	21564-17-0	CPS-2021	100 mg	***
Tebufenozide	112410-23-8	CPS-2188	100 mg	***
Tebupirimfos	96182-53-5	CPS-2192	100 mg	***
Tebutam	35256-85-0	CPS-2255	250 mg	***
Tebuthiuron	34014-18-1	CPS-407	1 gm	***
Teflubenzuron	83121-18-0	CPS-2247	250 mg	***
Tefluthrin (@ 100 µg/mL in acetonitrile)	79538-32-2	CPS-2238	1 x 1 mL	***
Terbacil	5902-51-2	CPS-375	1 gm	***
Terbufos	13071-79-9	CPS-680	250 mg	***
▲ Terbufos sulfone		CMET-680A	50 mg	***
Terbumeton	33693-04-8	CPS-2120	1 gm	***
Terbuthylazine	5915-41-3	CPS-413	50 mg	***
▲ Terbuthylazine-desethyl	30125-63-4	CMET-413A	50 mg	***
Terbutol	1918-11-2	CPS-550	100 mg	***
Terbutryne	886-50-0	CPS-379	1 gm	***
Terrazole™	2593-15-9	CPS-264	1 gm	***
2,3,5,6-Tetrachloroaniline	3481-20-7	CPS-2228	250 mg	***
1,2,4,5-Tetrachloro-3-nitrobenzene	117-18-0	CPS-151	1 gm	***
2,3,4,6-Tetrachlorophenol	58-90-2	CPS-8	100 mg	***
Tetrachlorvinphos	961-11-5	CPS-611	1 gm	***
Tetraconazole		CPS-2299	100 mg	***
Tetradifon	116-29-0	CPS-80	250 mg	***
Tetraethylpyrophosphate	107-49-3	CPS-601	500 mg	***
Tetramethrin	7696-12-0	CPS-1042	100 mg	***
Tetramethylthiuram disulfide	137-26-8	CPS-24	1 gm	***
Thallium sulfate	7446-18-6	CPS-804	1 gm	***
Thiabendazole™	148-79-8	CPS-1057	1 gm	***
Thiacloprid	111988-49-9	CPS-2262	100 mg	***
Thiamethoxam	153719-23-4	CPS-2215	100 mg	***
Thiazopyr	117718-60-2	CPS-2163	500 mg	***
Thidiazuron	51707-55-2	CPS-2044	1 gm	***
Thiodicarb	59669-26-0	CPS-2012	250 mg	***
Thiometon	640-15-3	CPS-2233	50 mg	***
Thiophanate	23564-06-9	CPS-223	1 gm	***
Thiophanate-methyl	23564-05-8	CPS-230	1 gm	***
Tilt™	60207-90-1	CPS-1075	250 mg	***
▲ 1,2,4-Triazole	288-88-0	CMET-1075A	1 gm	***
Tolclofos-Methyl	57018-04-9	CPS-2156	500 mg	***
Tolfenpyrad	129558-76-5	CPS-2323	100 mg	***
▲ Dimethachlor ESA sodium salt		CMET-2325A	25 mg	***
Tolyfluanid	731-27-1	CPS-2060	250 mg	***
N- <i>m</i> -Tolylphthalamic acid	85-72-3	CPS-50	1 gm	***
Topramezone	210631-68-8	CPS-2318	100 mg	***
Toxaphene™	8001-35-2	CPS-79	1 gm	***
Tralkoxydim	87820-88-0	CPS-2135	500 mg	***
Tralomethrin	66841-25-6	CPS-2115	100 mg	***
Transfluthrin	118712-89-3	CPS-2340	100 mg	***
Triadimefon	43121-43-3	CPS-1013	500 mg	***
Tri-allate	2303-17-5	CPS-506	1 gm	***
Triasulfuron	82097-50-5	CPS-2042	100 mg	***

▲ pesticide metabolite

## Neat Pesticides and Pesticide Metabolites – from Chem Service

Need pesticides in solution? See pages 305-319 for ULTRA's pesticide solution standards

### Pesticides and Pesticide Metabolites

Pesticide	CAS #	Catalog #	Unit Size	Price
Triazophos	24017-47-8	CPS-2139	100 mg	***
Triazophos (@ 100 µg/mL in toluene)	24017-47-8	CPS-1213	1 x 5 mL	***
Tribenuron methyl	101200-48-0	CPS-2099	250 mg	***
S,S,S-Tributyl phosphorotrithioate	78-48-8	CPS-562	250 mg	***
Tributylphosphoro-trithioite	150-50-5	CPS-68	250 mg	***
Trichloroacetic acid	76-03-9	CPS-34	1 gm	***
2,3,6-Trichlorobenzoic acid	50-31-7	CPS-330	1 gm	***
Trichloronate	327-98-0	CPS-2007	100 mg	***
Trichloronitromethane	76-06-2	CPS-4	1 gm	***
2,4,5-Trichlorophenol	95-95-4	CPS-9	1 gm	***
2,4,6-Trichlorophenol	88-06-2	CPS-10	1 gm	***
2,4,5-Trichlorophenol ethanolamine salt		CPS-437	250 mg	***
(2,4,5-Trichlorophenoxy)acetic acid butoxypolypropylene glycol ester		CPS-334	1 gm	***
(2,4,5-Trichlorophenoxy)acetic acid methyl ester	1928-37-6	CPS-339	250 mg	***
Triclopyr	55335-06-3	CPS-417	500 mg	***
Triclopyr butoxyethyl ester	64700-56-7	CPS-2308	250 mg	***
Triclopyr methyl ester		CPS-1110	100 mg	***
Tricyclohexyltin hydroxide	13121-70-5	CPS-107	250 mg	***
Tridemorph (mix of isomers)	81412-43-3	CPS-2242	100 mg	***
Trietazine	1912-26-1	CPS-2107	100 mg	***
Trifloxystrobin	141517-21-7	CPS-2196	100 mg	***
Trifloxysulfuron-Sodium	199119-58-9	CPS-2317	100 mg	***
Triflumizole	68694-11-1	CPS-2121	250 mg	***
Triflumuron	64628-44-0	CPS-2176	100 mg	***
Trifluralin	1582-09-8	CPS-393	1 gm	***
Triflusulfuron-methyl	126535-15-7	CPS-2147	500 mg	***
Triforine	26644-46-2	CPS-2014	100 mg	***
2,3,5-Triiodobenzoic acid	88-82-4	CPS-561	1 gm	***
2,3,5-Trimethylphenyl methyl carbamate	2655-15-4	CPS-541	50 mg	***
3,4,5-Trimethylphenyl methyl carbamate	2686-99-9	CPS-542	50 mg	***
Trinexapac-ethyl	95266-40-3	CPS-2158	250 mg	***
Tycor™	64529-56-2	CPS-1092	100 mg	***
2-Undecanone	112-12-9	CPS-951	1 gm	***
Uniconazole-P	83657-17-4	CPS-2076	10 mg	***
Vacor	53558-25-1	CPS-1059	100 mg	***
Vamidothion	2275-23-2	CPS-2187	100 mg	***
Vanicide-20S™		CPS-227	1 gm	***
Velpar	51235-04-2	CPS-416	1 gm	***
Vernolate	1929-77-7	CPS-504	250 mg	***
Vinclozolin	50471-44-8	CPS-1049	1 gm	***
Warfarin	81-81-2	CPS-104	1 gm	***
▲ 7-Hydroxycoumarin	93-35-6	CMET-104A	1 gm	***
▲ 4-Hydroxycoumarin	1076-38-6	CMET-104B	1 gm	***
Zectran	315-18-4	CPS-756	500 mg	***
zeta-Cypermethrin	52315-07-8	CPS-2244	250 mg	***
Zinc phosphate		CPS-803	1 gm	***
Zineb™	12122-67-7	CPS-23	1 gm	***
Zinophos™	297-97-2	CPS-668	100 mg	***
▲ Thionazin-O-analog		CMET-668A	100 mg	***
▲ 2-Hydroxypyrazine (@ 100 µg/mL in methanol)		CMET-668B	1 x 1 mL	***
Ziram	137-30-4	CPS-21	1 gm	***

▲ pesticide metabolite

## Polynuclear Aromatic Hydrocarbon (PAH) Standards

PAHs are widespread persistent pollutants. Some have toxic and/or carcinogenic properties. All of these materials are manufactured under ULTRA's ISO 9001 quality system. A certificate showing the purity of the compound is available for each standard.

### Polynuclear Aromatic Hydrocarbons

95 - 99% Pure

Compound	CAS #	Catalog #	Unit Size	Price
acenaphthene	83-32-9	RAH-001	100 mg	***
acenaphthylene	208-96-8	RAH-064	100 mg	***
anthanthrene ( <i>dibenzo[def,mno]chrysene</i> )	191-26-4	RAH-082	10 mg	***
anthracene	120-12-7	RAH-002	100 mg	***
azulene	275-51-4	RAH-003	10 mg	***
benz[a]anthracene ( <i>tetraphene</i> )	56-55-3	RAH-004	20 mg	***
benzo[b]fluoranthene ( <i>benz[e]acephenanthrylene</i> )	205-99-2	RAH-072	10 mg	***
benzo[k]fluoranthene	207-08-9	RAH-073	10 mg	***
benzo[a]fluorene ( <i>1,2-benzofluorene</i> )	30777-18-5	RAH-005	10 mg	***
benzo[b]fluorene ( <i>2,3-benzofluorene</i> )	243-17-4	RAH-006	10 mg	***
benzo[ghi]perylene ( <i>1,12-benzoperylene</i> )	191-24-2	RAH-009	10 mg	***
benzo[a]pyrene	50-32-8	RAH-010	10 mg	***
benzo[e]pyrene	192-97-2	RAH-081	10 mg	***
1,1'-binaphthyl	604-53-5	RAH-012	50 mg	***
2,2'-binaphthyl	612-78-2	RAH-013	50 mg	***
biphenyl	92-52-4	RPC-001	500 mg	***
chrysene ( <i>benzo[a]phenanthrene</i> )	218-01-9	RAH-007	100 mg	***
coronene	191-07-1	RAH-015	10 mg	***
4H-cyclopenta[def]phenanthrene ( <i>4,5-methylenephenanthrene</i> )	203-64-5	RAH-088	10 mg	***
decacyclene	191-48-0	RAH-016	100 mg	***
decahydronaphthalene (mixture of isomers)	91-17-8	RAH-017	100 mg	***
<i>trans</i> -decahydronaphthalene	493-02-7	RAH-075	100 mg	***
<i>cis</i> -decahydronaphthalene	493-01-6	RAH-074	100 mg	***
dibenz[a,c]anthracene ( <i>1,2,3,4-dibenzanthracene</i> )	215-58-7	RAH-018	10 mg	***
dibenz[a,h]anthracene ( <i>1,2,5,6-dibenzanthracene</i> )	53-70-3	RAH-019	10 mg	***
dibenzo[a,l]pentacene ( <i>1,2,8,9-dibenzopentacene</i> )	227-09-8	RAH-083	10 mg	***
9,10-dihydroanthracene	613-31-0	RAH-021	100 mg	***
1,2-dihydronaphthalene	447-53-0	RAH-022	100 mg	***
1,4-dihydronaphthalene	612-17-9	RAH-023	100 mg	***
diindeno[1,2,3-cd:1',2',3'-lm]perylene ( <i>periflanthene</i> )	188-94-3	RAH-084	5 mg	***
9,10-dimethylantracene	781-43-1	RAH-024	10 mg	***
7,12-dimethylbenz[a]anthracene	57-97-6	RAH-025	10 mg	***
2,2'-dimethylbiphenyl	605-39-0	RAH-071	10 mg	***
3,3'-dimethylbiphenyl	612-75-9	RAH-062	20 mg	***
4,4'-dimethylbiphenyl	613-33-2	RAH-026	100 mg	***
1,2-dimethylnaphthalene	573-98-8	RAH-068	100 mg	***
1,3-dimethylnaphthalene	575-41-7	RAH-066	50 mg	***
1,4-dimethylnaphthalene	571-48-4	RAH-027	100 mg	***
1,5-dimethylnaphthalene	571-61-9	RAH-029	100 mg	***
1,6-dimethylnaphthalene	575-43-9	RAH-028	100 mg	***
2,3-dimethylnaphthalene	581-40-8	RAH-067	100 mg	***
2,6-dimethylnaphthalene	581-42-0	RAH-030	100 mg	***
2,7-dimethylnaphthalene	582-16-1	RAH-097	10 mg	***
3,6-dimethylphenanthrene	1576-67-6	RAH-085	10 mg	***
9,10-diphenylantracene	1499-10-1	RAH-086	100 mg	***
1,2-diphenylethane ( <i>bibenzyl</i> )	103-29-7	RAH-020	100 mg	***
dodecahydrotriphenylene	1610-39-5	RAH-087	100 mg	***

## Polynuclear Aromatic Hydrocarbon (PAH) Standards

### Polynuclear Aromatic Hydrocarbons

95 - 99% Pure

Compound	CAS #	Catalog #	Unit Size	Price
fluoranthene	206-44-0	RAH-031	100 mg	***
fluorene	86-73-1	RAH-032	100 mg	***
9-fluorenone	486-25-9	RAH-033	100 mg	***
indane	496-11-7	RAH-065	100 mg	***
1,3-indanedione	606-23-5	RAH-034	100 mg	***
indene	95-13-6	RAH-035	100 mg	***
indeno[1,2,3-cd]pyrene ( <i>o</i> -phenylenepyrene)	193-39-5	RAH-077	5 mg	***
1-methylanthracene	610-48-0	RAH-098	10 mg	***
2-methylanthracene	613-12-7	RAH-036	100 mg	***
9-methylanthracene	779-02-2	RAH-037	100 mg	***
2-methylbiphenyl ( <i>2</i> -phenyltoluene)	643-58-3	RAH-038	100 mg	***
3-methylbiphenyl ( <i>3</i> -phenyltoluene)	643-93-6	RAH-039	100 mg	***
4-methylbiphenyl ( <i>4</i> -phenyltoluene)	644-08-6	RAH-040	100 mg	***
3-methylcholanthrene ( <i>20</i> -methylcholanthrene)	56-49-5	RAH-041	10 mg	***
1-methylfluorene	1730-37-6	RAH-043	100 mg	***
1-methylnaphthalene	90-12-0	RAH-044	500 mg	***
2-methylnaphthalene	91-57-6	RAH-045	500 mg	***
1-methylphenanthrene	832-69-9	RAH-046	10 mg	***
naphthacene ( <i>benz</i> [ <i>b</i> ]anthracene, <i>tetracene</i> )	92-24-0	RAH-078	10 mg	***
naphthalene	91-20-3	RAH-080	100 mg	***
pentacene	135-48-8	RAH-049	10 mg	***
perylene	198-55-0	RAH-050	10 mg	***
phenanthrene	85-01-8	RAH-051	100 mg	***
9-phenylanthracene	602-55-1	RAH-089	100 mg	***
1-phenylnaphthalene	605-02-7	RAH-099	100 mg	***
pyrene ( <i>benzo</i> [ <i>def</i> ]phenanthrene)	129-00-0	RAH-008	100 mg	***
<i>p</i> -quaterphenyl	135-70-6	RAH-054	100 mg	***
<i>m</i> -quinquephenyl	16716-13-5	RAH-063	10 mg	***
<i>p</i> -quinquephenyl	3073-05-0	RAH-100	10 mg	***
rubrene	517-51-1	RAH-055	10 mg	***
<i>o</i> -terphenyl	84-15-1	RAH-056	100 mg	***
<i>m</i> -terphenyl	92-06-8	RAH-057	100 mg	***
<i>p</i> -terphenyl	92-94-4	RAH-058	100 mg	***
1,2,3,4-tetrahydrofluoranthene	42429-92-5	RAH-091	10 mg	***
1,2,3,4-tetrahydronaphthalene ( <i>tetralin</i> )	119-64-2	RAH-079	100 mg	***
1,2,3,4-tetraphenylnaphthalene	751-38-2	RAH-092	10 mg	***
2,3,5-trimethylnaphthalene	2245-38-7	RAH-069	10 mg	***
triphenylene ( <i>9,10</i> -benzophenanthrene)	217-59-4	RAH-059	10 mg	***
triptycene	477-75-8	RAH-060	10 mg	***
truxene	548-35-6	RAH-061	100 mg	***

## Neat Compounds of Environmental Interest

All of these materials are manufactured under ULTRA's ISO 9001 quality system, and include a certificate showing the purity of the standard.

Neat Standards				95 - 99% Pure	
Compound	CAS #	Catalog #	Unit Size	Price	
acenaphthene	83-32-9	RAH-001	100 mg	***	
acenaphthylene	208-96-8	RAH-064	100 mg	***	
2-acetamidofluorene	53-96-3	RCC-002	100 mg	***	
2-acetamidonaphthalene	581-97-5	RCC-025	100 mg	***	
acetone	67-64-1	RCC-200	1 gm	***	
acetonitrile	75-05-8	RCC-201	100 mg	***	
acetophenone	98-86-2	RCC-202	100 mg	***	
acridine	260-94-6	HAH-003	100 mg	***	
acrolein	107-02-8	RCC-150	100 mg	***	
acrylamide	79-06-1	RCC-203	100 mg	***	
acrylonitrile	107-13-1	RCC-204	100 mg	***	
allyl alcohol	107-18-6	RCC-136	100 mg	***	
<i>allyl bromide</i>	<i>see 3-bromopropene</i>				
<i>allyl chloride</i>	<i>see 3-chloropropene</i>				
1-aminoanthracene (90%)	610-49-1	RCC-026	100 mg	***	
2-aminoanthracene (90%)	613-13-8	RCC-027	100 mg	***	
2-aminobiphenyl	90-41-5	RCC-003	100 mg	***	
4-aminobiphenyl	92-67-1	RCC-004	100 mg	***	
6-aminochrysene	2642-98-0	RCC-028	100 mg	***	
<i>1-aminonaphthalene</i>	<i>see <math>\alpha</math>-naphthylamine</i>				
<i>2-aminonaphthalene</i>	<i>see <math>\beta</math>-naphthylamine</i>				
1-amino-4-nitronaphthalene	776-34-1	RNH-111	100 mg	***	
aniline	62-53-3	RCC-137	1 gm	***	
anthanthrene	191-26-4	RAH-082	10 mg	***	
anthracene	120-12-7	RAH-002	100 mg	***	
Aroclor 1016 (PCB 1016)	12674-11-2	RPC-1016	50 mg	***	
Aroclor 1221 (PCB 1221)	11104-28-2	RPC-1221	50 mg	***	
Aroclor 1232 (PCB 1232)	11141-16-5	RPC-1232	10 mg	***	
Aroclor 1242 (PCB 1242)	53469-21-9	RPC-1242	50 mg	***	
Aroclor 1248 (PCB 1248)	12672-29-6	RPC-1248	50 mg	***	
Aroclor 1254 (PCB 1254)	11097-69-1	RPC-1254	50 mg	***	
Aroclor 1260 (PCB 1260)	11096-82-5	RPC-1260	50 mg	***	
Aroclor 1262 (PCB 1262)	37324-23-5	RPC-1262	50 mg	***	
Aroclor 1268 (PCB 1268)	11100-14-4	RPC-1268	50 mg	***	
7-azaindole	271-63-6	HAH-010	100 mg	***	
<i>aziridine</i>	<i>see ethylenimine</i>				
azobenzene	103-33-3	RCC-043	100 mg	***	
azoxybenzene	495-48-7	RCC-044	100 mg	***	
azulene	275-51-4	RAH-003	10 mg	***	
benzal chloride	98-87-3	RCB-042	100 mg	***	
benz[a]anthracene	56-55-3	RAH-004	20 mg	***	
benzene	71-43-2	RAB-041	100 mg	***	
benzidine	92-87-5	RCC-005	20 mg	***	
benzo[c]cinnoline	230-17-1	HAH-009	100 mg	***	
benzo[b]fluoranthene	205-99-2	RAH-072	10 mg	***	
benzo[k]fluoranthene	207-08-9	RAH-073	10 mg	***	
benzo[a]fluorene	238-84-6	RAH-005	10 mg	***	
benzo[b]fluorene	243-17-4	RAH-006	10 mg	***	
benzoic acid	65-85-0	RCC-143	100 mg	***	
benzo[ghi]perylene	191-24-2	RAH-009	10 mg	***	
benzo[a]pyrene	50-32-8	RAH-010	10 mg	***	



## Neat Compounds of Environmental Interest

Neat Standards				95 - 99% Pure
Compound	CAS #	Catalog #	Unit Size	Price
benzo[e]pyrene	192-97-2	RAH-081	10 mg	***
<i>benzo[c]quinoline</i>	<i>see phenanthridine</i>			
benzo[f]quinoline	85-02-9	HAH-004	100 mg	***
benzo[h]quinoline	270-27-3	HAH-005	100 mg	***
benzothiazole	95-16-9	HAH-008	100 mg	***
benzyl alcohol	100-51-6	RCC-144	100 mg	***
<i>benzyl chloride</i>	<i>see α-chlorotoluene</i>			
1,1'-binaphthyl	604-53-5	RAH-012	50 mg	***
2,2'-binaphthyl	612-78-2	RAH-013	50 mg	***
biphenyl	92-52-4	RPC-001	500 mg	***
2,2'-biquinoline	119-91-5	RCC-129	100 mg	***
bis(2-chloroethoxy)methane	111-91-1	RCC-145	100 mg	***
<i>bis(2-chloroisopropyl) ether</i>	<i>see bis(2-chloro-1-methylethyl) ether</i>			
bis(chloromethyl) ether	542-88-1	RCC-006	100 mg	***
bis(2-ethylhexyl) phthalate	117-81-7	DMP-019	100 mg	***
bromobenzene	108-86-1	RBF-001	100 mg	***
1-bromo-1-chloroethane	593-96-4	RHH-029	1 gm	***
1-bromo-2-chloroethane	107-04-0	RHH-030	1 gm	***
bromochloromethane	74-97-5	RHH-007	1 gm	***
bromodichloromethane	75-27-4	RHH-008	1 gm	***
bromoethane	74-96-4	RHH-024	1 gm	***
bromoethene ( <i>vinyl bromide</i> )	593-60-2	RHH-025	1 gm	***
bromoform	75-25-2	RHH-005	1 gm	***
1-bromonaphthalene	90-11-9	RBF-011	100 mg	***
2-bromonaphthalene	580-13-2	RBF-012	100 mg	***
1-bromo-2-naphthol	573-97-2	RBF-015	100 mg	***
6-bromo-2-naphthol	15231-91-1	RBF-016	100 mg	***
2-bromophenol	95-56-7	RBF-006A	100 mg	***
3-bromophenol	591-20-8	RBF-006B	100 mg	***
4-bromophenol	106-41-2	RBF-006C	100 mg	***
4-bromophenyl phenyl ether	101-55-3	RCC-148	100 mg	***
1-bromopropane	106-94-5	RHH-048	1 gm	***
2-bromopropane	75-26-3	RHH-049	1 gm	***
2-bromopropene	557-93-7	RHH-052	1 gm	***
3-bromopropene ( <i>allyl bromide</i> )	106-95-6	RHH-053	1 gm	***
bromotrichloromethane	75-62-7	RHH-009	1 gm	***
1,3-butadienediepoide	298-18-0	RCC-153	100 mg	***
2-butanone ( <i>MEK</i> )	78-93-3	RCC-205	1 gm	***
<i>n</i> -butylbenzene	104-51-8	RAB-016	100 mg	***
<i>sec</i> -butylbenzene	135-98-8	RAB-017	100 mg	***
<i>tert</i> -butylbenzene	98-06-6	RAB-018	100 mg	***
butyl benzyl phthalate	85-68-7	DMP-037	100 mg	***
<i>tert</i> -butyl methyl ether ( <i>MTBE</i> )	1634-04-4	RCC-149	1 gm	***
carbazole	86-74-8	HAH-022	100 mg	***
carbon disulfide	75-15-0	RCC-175	1 gm	***
carbon tetrabromide	558-13-4	RHH-006	1 gm	***
carbon tetrachloride	56-23-5	RHH-003	1 gm	***
2-chloroaniline	95-51-2	RCA-001	100 mg	***
3-chloroaniline	108-42-9	RCA-002	100 mg	***
4-chloroaniline	106-47-8	RCA-003	100 mg	***

## Neat Compounds of Environmental Interest

Neat Standards				95 - 99% Pure	
Compound	CAS #	Catalog #	Unit Size	Price	
2-chloroanisole	766-51-8	RCP-032	100 mg	***	
3-chloroanisole	2845-89-8	RCP-033	100 mg	***	
4-chloroanisole	623-12-1	RCP-034	100 mg	***	
chlorobenzene	108-90-7	RCP-020	100 mg	***	
2-chlorobenzoic acid	118-91-2	RBA-001	100 mg	***	
3-chlorobenzoic acid	535-80-8	RBA-002	100 mg	***	
4-chlorobenzoic acid	74-11-3	RBA-003	100 mg	***	
1-chlorobutane	109-69-3	RHH-063	100 mg	***	
4-chloro- <i>m</i> -cresol	<i>see 4-chloro-3-methylphenol</i>				
2-chloroethanol	107-07-3	RCC-176	100 mg	***	
2-chloroethyl ether	111-44-4	RCC-088	1 gm	***	
2-chloroethyl vinyl ether	110-75-8	RCC-177	100 mg	***	
chloroform	67-66-3	RHH-002	1 gm	***	
1-chlorohexane	544-10-5	RHH-055	100 mg	***	
chloromethyl methyl ether (90%)	107-30-2	RCC-010	100 mg	***	
4-chloro-3-methylphenol	59-50-7	RCC-154	100 mg	***	
1-chloronaphthalene	90-13-1	RCN-002	100 mg	***	
2-chloronaphthalene	91-58-7	RCN-003	100 mg	***	
4-chloro-1-naphthol	604-44-4	RCN-013	100 mg	***	
2-chlorophenol	95-57-8	RCP-001	20 mg	***	
3-chlorophenol	108-43-0	RCP-002	20 mg	***	
4-chlorophenol	106-48-9	RCP-003	20 mg	***	
4-chlorophenyl phenyl ether	7005-72-3	RPE-001	10 mg	***	
1-chloropropane	540-54-5	RHH-035	1 gm	***	
2-chloropropane	75-29-6	RHH-036	1 gm	***	
3-chloropropene ( <i>allyl chloride</i> )	107-05-1	RHH-044	1 gm	***	
2-chlorotoluene	95-49-8	RCB-001	100 mg	***	
3-chlorotoluene	108-41-8	RCB-002	100 mg	***	
4-chlorotoluene	106-43-4	RCB-003	100 mg	***	
$\alpha$ -chlorotoluene ( <i>benzyl chloride</i> )	100-44-7	RCB-004	100 mg	***	
6-chrysenamine	<i>see 6-aminochrysene</i>				
chrysene	218-01-9	RAH-007	100 mg	***	
coronene	191-07-1	RAH-015	10 mg	***	
<i>o</i> -cresol ( <i>2-methylphenol</i> )	95-48-7	RCC-155	100 mg	***	
<i>m</i> -cresol ( <i>3-methylphenol</i> )	108-39-4	RCC-156	100 mg	***	
<i>p</i> -cresol ( <i>4-methylphenol</i> )	106-44-5	RCC-157	100 mg	***	
cumene	<i>see isopropylbenzene</i>				
4H-cyclopenta[def]phenanthrene	203-64-5	RAH-088	10 mg	***	
decacyclene	191-48-0	RAH-016	100 mg	***	
decahydronaphthalene (mix)	91-17-8	RAH-017	100 mg	***	
<i>cis</i> -decahydronaphthalene	493-01-6	RAH-074	100 mg	***	
<i>trans</i> -decahydronaphthalene	493-02-7	RAH-075	100 mg	***	
<i>n</i> -decane	124-18-5	RNA-001	1 gm	***	
<i>n</i> -decylbenzene ( <i>phenyldecane</i> )	104-72-3	RAB-027	100 mg	***	
2,7-diacetamidofluorene	304-28-9	RCC-029	100 mg	***	
3,3'-diaminobenzidine	91-95-2	RCC-030	20 mg	***	
4,4'-diaminodiphenylmethane	101-77-9	RCC-031	20 mg	***	
2,7-diaminofluorene	525-64-4	RCC-032	100 mg	***	
1,2-diaminonaphthalene	938-25-0	RCC-033	100 mg	***	
2,4-diaminotoluene	95-80-7	RCC-034	100 mg	***	
diamyl phthalate	131-18-0	DMP-016	100 mg	***	

## Neat Compounds of Environmental Interest

Neat Standards				95 - 99% Pure	
Compound	CAS #	Catalog #	Unit Size	Price	
dibenz[a,c]anthracene	215-58-7	RAH-018	10 mg	***	
dibenz[a,h]anthracene	53-70-3	RAH-019	10 mg	***	
dibenzofuran	132-64-9	RPE-022	50 mg	***	
dibenzo[a,l]pentacene	227-09-8	RAH-083	10 mg	***	
dibenzo[a,e]pyrene	192-65-4	P-801-1	§ 1 x 1 mL	***	
dibenzo[a,h]pyrene	189-64-0	P-821-1	§ 1 x 1 mL	***	
dibenzo[a,i]pyrene	189-55-9	P-811-1	§ 1 x 1 mL	***	
dibenzo[a,l]pyrene	190-30-0	P-791-1	§ 1 x 1 mL	***	
dibenzothiophene	132-65-0	HAH-020	100 mg	***	
1,3-dibromobenzene	108-36-1	RBF-002B	100 mg	***	
1,2-dibromobenzene	583-53-9	RBF-002A	100 mg	***	
1,4-dibromobenzene	106-37-6	RBF-002C	100 mg	***	
dibromochloromethane	124-48-1	RHH-010	1 gm	***	
1,2-dibromo-3-chloropropane	96-12-8	RHH-034	1 gm	***	
1,2-dibromo-1,1-dichloroethane	75-81-0	RHH-032	1 gm	***	
1,2-dibromo-1,2-dichloroethane	683-68-1	RHH-033	1 gm	***	
dibromodichloromethane	594-18-3	RHH-011	1 gm	***	
1,2-dibromoethane	106-93-4	RHH-026	1 gm	***	
1,2-dibromoethene	540-49-8	RHH-027	1 gm	***	
dibromomethane	74-95-3	RHH-004	1 gm	***	
1,4-dibromonaphthalene	83-53-4	RBF-014	100 mg	***	
2,3-dibromonaphthalene	13214-70-5	RBF-013	50 mg	***	
1,6-dibromo-2-naphthol	16239-18-2	RBF-017	100 mg	***	
2,4-dibromophenol	615-58-7	RBF-007	100 mg	***	
2,6-dibromophenol	608-33-3	RBF-008	100 mg	***	
1,2-dibromopropane	78-75-1	RHH-050	1 gm	***	
1,3-dibromopropane	109-64-8	RHH-051	1 gm	***	
dibutyl phthalate	84-74-2	DMP-015	100 mg	***	
1,3-dichloro-2-propanol	96-23-1	RCC-178	100 mg	***	
2,3-dichloroaniline	608-27-5	RCA-004	100 mg	***	
2,4-dichloroaniline	554-00-7	RCA-005	100 mg	***	
2,5-dichloroaniline	95-82-9	RCA-006	100 mg	***	
2,6-dichloroaniline	608-31-1	RCA-007	100 mg	***	
3,4-dichloroaniline	95-76-1	RCA-008	100 mg	***	
3,5-dichloroaniline	626-43-7	RCA-009	100 mg	***	
2,3-dichloroanisole	1984-59-4	RCP-035	100 mg	***	
2,4-dichloroanisole	553-82-2	RCP-036	100 mg	***	
2,5-dichloroanisole	1984-58-3	RCP-046	50 mg	***	
2,6-dichloroanisole	1984-65-2	RCP-037	100 mg	***	
3,4-dichloroanisole	36404-30-5	RCP-047	50 mg	***	
3,5-dichloroanisole	33719-74-3	RCP-038	100 mg	***	
a,4-dichloroanisole	21151-56-4	RCP-042	100 mg	***	
1,2-dichlorobenzene	95-50-1	RCP-021	100 mg	***	
1,3-dichlorobenzene	541-73-1	RCP-022	100 mg	***	
1,4-dichlorobenzene	106-46-7	RCP-023	100 mg	***	
3,3'-dichlorobenzidine	91-94-1	RCC-007	100 mg	***	
2,3-dichlorobenzoic acid	50-45-3	RBA-008	100 mg	***	
2,4-dichlorobenzoic acid	50-84-0	RBA-009	100 mg	***	
2,5-dichlorobenzoic acid	50-79-3	RBA-007	100 mg	***	
2,6-dichlorobenzoic acid	50-30-6	RBA-006	100 mg	***	

§ - @ 200 µg/mL in Methylene Chloride

## Neat Compounds of Environmental Interest

Neat Standards				95 - 99% Pure	
Compound	CAS #	Catalog #	Unit Size	Price	
3,4-dichlorobenzoic acid	51-44-5	RBA-004	100 mg	***	
3,5-dichlorobenzoic acid	51-36-5	RBA-005	100 mg	***	
<i>cis</i> -1,4-dichloro-2-butene	1476-11-5	RHH-064	100 mg	***	
<i>trans</i> -1,4-dichloro-2-butene	110-57-6	RHH-056	100 mg	***	
1,1-dichloroethane	75-34-3	RHH-012	1 gm	***	
1,2-dichloroethane	107-06-2	RHH-013	1 gm	***	
1,1-dichloroethene	75-35-4	RHH-020	1 gm	***	
<i>cis</i> -1,2-dichloroethene	156-59-2	RHH-057	100 mg	***	
<i>trans</i> -1,2-dichloroethene	156-60-5	RHH-021	1 gm	***	
dichloromethane	75-09-2	RHH-001	1 gm	***	
1,2-dichloronaphthalene	2050-69-3	RCN-004A	5 mg	***	
1,4-dichloronaphthalene	1825-31-6	RCN-005	25 mg	***	
1,5-dichloronaphthalene	1825-30-5	RCN-006	25 mg	***	
2,3-dichloronaphthalene	2050-75-1	RCN-008	5 mg	***	
2,4-dichloro-1-naphthol	2050-76-2	RCN-014	100 mg	***	
dichlorophen	97-23-4	RCC-179	100 mg	***	
2,3-dichlorophenol	576-24-9	RCP-004	20 mg	***	
2,4-dichlorophenol	120-83-2	RCP-005	20 mg	***	
2,5-dichlorophenol	583-78-8	RCP-006	20 mg	***	
2,6-dichlorophenol	87-65-0	RCP-007	20 mg	***	
3,4-dichlorophenol	95-77-2	RCP-008	20 mg	***	
3,5-dichlorophenol	591-35-5	RCP-009	20 mg	***	
1,2-dichloropropane	78-87-5	RHH-037	1 gm	***	
1,3-dichloropropane	142-28-9	RHH-038	1 gm	***	
2,2-dichloropropane	594-20-7	RHH-058	100 mg	***	
1,1-dichloropropene	563-58-6	RHH-059	100 mg	***	
1,3-dichloro-1-propene (mix)	542-75-6	RHH-054	1 gm	***	
2,3-dichloro-1-propene	78-88-6	RHH-045	1 gm	***	
2,4-dichlorotoluene	95-73-8	RCB-005	100 mg	***	
2,5-dichlorotoluene	19398-61-9	RCB-006	100 mg	***	
2,6-dichlorotoluene	118-69-4	RCB-007	100 mg	***	
3,4-dichlorotoluene	95-75-0	RCB-008	100 mg	***	
$\alpha$ ,2-dichlorotoluene	611-19-8	RCB-009	100 mg	***	
$\alpha$ ,3-dichlorotoluene	620-20-2	RCB-010	100 mg	***	
$\alpha$ ,4-dichlorotoluene	104-83-6	RCB-011	100 mg	***	
dicyclohexyl phthalate	84-61-7	DMP-017	100 mg	***	
1,2-diethylbenzene	135-01-3	RAB-038	100 mg	***	
1,3-diethylbenzene	141-93-5	RAB-039	100 mg	***	
1,4-diethylbenzene	105-05-5	RAB-040	100 mg	***	
<i>diethylhexyl adipate</i>	<i>see dioctyl adipate</i>				
<i>diethylhexyl maleate</i>	<i>see dioctyl maleate</i>				
<i>diethylhexyl phthalate</i>	<i>see bis(2-ethylhexyl) phthalate</i>				
diethyl phthalate	84-66-2	DMP-012	100 mg	***	
9,10-dihydroanthracene	613-31-0	RAH-021	100 mg	***	
6,13-dihydrodibenzo[ <i>b,i</i> ]phenazine	10350-06-8	RCC-138	100 mg	***	
1,2-dihydronaphthalene	447-53-0	RAH-022	100 mg	***	
1,4-dihydronaphthalene	612-17-9	RAH-023	100 mg	***	
diindeno[1,2,3- <i>cd</i> :1',2',3'- <i>lm</i> ]perylene	188-94-3	RAH-084	5 mg	***	
diisooctyl adipate	1330-86-5	DMP-027	100 mg	***	
diisopropyl phthalate	605-45-8	DMP-014	100 mg	***	
3,3'-dimethoxybenzidine	119-90-4	RCC-117	100 mg	***	

## Neat Compounds of Environmental Interest

Neat Standards		95 - 99% Pure		
Compound	CAS #	Catalog #	Unit Size	Price
9,10-dimethylanthracene	781-43-1	RAH-024	10 mg	***
7,12-dimethylbenz[a]anthracene	57-97-6	RAH-025	10 mg	***
1,2-dimethylbenzene	<i>see o-xylene</i>			
1,3-dimethylbenzene	<i>see m-xylene</i>			
1,4-dimethylbenzene	<i>see p-xylene</i>			
3,3'-dimethylbenzidine	<i>see o-tolidine</i>			
2,2'-dimethylbiphenyl	605-39-0	RAH-071	10 mg	***
3,3'-dimethylbiphenyl	612-75-9	RAH-062	20 mg	***
4,4'-dimethylbiphenyl	613-33-2	RAH-026	100 mg	***
dimethylcarbamoyl chloride	79-44-7	RCC-103	1 gm	***
1,2-dimethyl-3-ethylbenzene (tech)	933-98-2	RAB-029	10 mg	***
1,2-dimethyl-4-ethylbenzene (tech)	934-80-5	RAB-030	10 mg	***
1,3-dimethyl-4-ethylbenzene (tech)	874-41-9	RAB-032	10 mg	***
1,3-dimethyl-5-ethylbenzene (tech)	394-74-7	RAB-033	10 mg	***
1,4-dimethyl-2-ethylbenzene (tech)	1758-88-9	RAB-034	100 mg	***
1,2-dimethylindole	875-79-6	HAH-029	100 mg	***
2,3-dimethylindole	91-55-4	HAH-030	100 mg	***
1,2-dimethylnaphthalene	573-98-8	RAH-068	100 mg	***
1,3-dimethylnaphthalene	575-41-7	RAH-066	50 mg	***
1,4-dimethylnaphthalene	571-48-4	RAH-027	100 mg	***
1,5-dimethylnaphthalene	571-61-9	RAH-029	100 mg	***
1,6-dimethylnaphthalene	575-43-9	RAH-028	100 mg	***
2,3-dimethylnaphthalene	581-40-8	RAH-067	100 mg	***
2,6-dimethylnaphthalene	581-42-0	RAH-030	100 mg	***
2,7-dimethylnaphthalene	582-16-1	RAH-097	10 mg	***
3,6-dimethylphenanthrene	1576-67-6	RAH-085	10 mg	***
2,4-dimethylphenol	105-67-9	RCC-158	100 mg	***
dimethyl phthalate	131-11-3	PST-430	100 mg	***
2,4-dimethylquinoline	1198-37-4	HAH-017	10 mg	***
2,6-dimethylquinoline	877-43-0	HAH-018	100 mg	***
2,7-dimethylquinoline	93-37-8	HAH-019	100 mg	***
9,10-dinitroanthracene	33685-60-8	RNH-134 †	1 x 1 mL	***
m-dinitrobenzene	99-65-0	RNH-001	100 mg	***
2,2'-dinitrobiphenyl	2436-96-6	RNH-135	100 mg	***
4,6-dinitro-o-cresol	<i>see 2-methyl-4,6-dinitrophenol</i>			
2,7-dinitrofluorene	5405-53-8	RNH-137	100 mg	***
2,7-dinitro-9-fluorenone	31551-45-8	RNH-138	100 mg	***
1,3-dinitronaphthalene	606-37-1	RNH-139	100 mg	***
1,5-dinitronaphthalene	605-71-0	RNH-140	100 mg	***
1,8-dinitronaphthalene	602-38-0	RNH-141	100 mg	***
2,4-dinitrophenol	51-28-5	RCC-159	100 mg	***
1,6-dinitropyrene	42397-64-8	RNH-142 †	1 x 1 mL	***
2,4-dinitrotoluene	121-14-2	RNH-002	100 mg	***
2,6-dinitrotoluene	606-20-2	RNH-003	100 mg	***
dioctyl adipate ( <i>diethylhexyl adipate</i> )	103-23-1	DMP-028	100 mg	***
dioctyl maleate ( <i>diethylhexyl maleate</i> )	142-16-5	DMP-036	100 mg	***
dioctyl phthalate	<i>see bis(2-ethylhexyl) phthalate</i>			
di-n-octyl phthalate	117-84-0	DMP-020	100 mg	***
1,4-dioxane	123-91-1	RCC-180	1 gm	***
9,10-diphenylanthracene	1499-10-1	RAH-086	100 mg	***
1,2-diphenylethane	103-29-7	RAH-020	100 mg	***

† - @ 100 µg/mL in Nitromethane

## Neat Compounds of Environmental Interest

Neat Standards				95 - 99% Pure	
Compound	CAS #	Catalog #	Unit Size	Price	
1,2-diphenylhydrazine	122-66-7	RCC-174	1 gm	***	
4,7-diphenyl-1,10-phenanthroline	1662-01-7	RCC-142	50 mg	***	
diphenyl phthalate	84-62-8	DMP-018	100 mg	***	
di- <i>n</i> -propyl phthalate	131-16-8	DMP-013	100 mg	***	
<i>n</i> -docosane	629-97-0	RNA-012	1 gm	***	
dodecahydrotriphenylene	1610-39-5	RAH-087	100 mg	***	
<i>n</i> -dodecane	112-40-3	RNA-003	1 gm	***	
<i>n</i> -dotriacontane	544-85-4	RNA-015	1 gm	***	
<i>durene</i>	<i>see 1,2,4,5-tetramethylbenzene</i>				
<i>n</i> -eicosane	112-95-8	RNA-011	1 gm	***	
epichlorohydrin	106-89-8	RCC-161	100 mg	***	
1,2-epoxybutane	106-88-7	RCC-162	100 mg	***	
ethyl alcohol (tech)	64-17-5	RCC-181	1 gm	***	
ethylbenzene	100-41-4	RAB-013	100 mg	***	
<i>ethylene dibromide</i>	<i>see 1,2-dibromoethane</i>				
<i>ethylene dichloride</i>	<i>see 1,2-dichloroethane</i>				
ethylenethiourea ( <i>imidazolidinethione</i> )	96-45-7	RCC-106	1 gm	***	
ethyl methacrylate	97-63-2	RCC-206	100 mg	***	
ethyl methanesulfonate	62-50-0	RCC-182	100 mg	***	
2-ethyltoluene	611-14-3	RAB-035	100 mg	***	
3-ethyltoluene	620-14-4	RAB-036	100 mg	***	
4-ethyltoluene	622-96-8	RAB-037	100 mg	***	
fluoranthene	206-44-0	RAH-031	100 mg	***	
fluorene	86-73-1	RAH-032	100 mg	***	
9-fluorenone	486-25-9	RAH-033	100 mg	***	
Halowax 1000 (26% CI)	58718-67-5	HPCK-2F ‡	1 x 2 mL	***	
Halowax 1001 (50% CI)	1321-64-8	HPCK-2G ‡	1 x 2 mL	***	
Halowax 1013 (56% CI)	58718-66-4	HPCK-2E ‡	1 x 2 mL	***	
Halowax 1051 (70% CI)	1335-87-1	HPCK-2C ‡	1 x 2 mL	***	
Halowax 1099 (52% CI)	2234-13-1	HPCK-2D ‡	1 x 2 mL	***	
<i>hemimellitene</i>	<i>see 1,2,3-trimethylbenzene</i>				
<i>n</i> -heneicosane	629-94-7	RNA-024	1 gm	***	
<i>n</i> -hentriacontane	630-04-6	RNA-031	10 mg	***	
<i>n</i> -heptacosane	593-49-7	RNA-028	10 mg	***	
<i>n</i> -heptadecane	629-78-7	RNA-008	1 gm	***	
2,2,4,4,6,8,8-heptamethylnonane	4/9/4390	RNA-023	1 gm	***	
<i>n</i> -heptane	142-82-5	RNA-019	1 gm	***	
<i>n</i> -heptylbenzene ( <i>phenylheptane</i> )	1078-71-3	RAB-024	100 mg	***	
hexabromobenzene	87-82-1	RBF-005	100 mg	***	
hexachlorobenzene	118-74-1	RCP-031	100 mg	***	
hexachlorobutadiene	87-68-3	RHH-060	100 mg	***	
hexachlorocyclopentadiene	77-47-4	RHH-061	100 mg	***	
hexachloroethane	67-72-1	RHH-019	1 gm	***	
hexachlorophene	70-30-4	RCC-166	100 mg	***	
hexachloropropene	1888-71-7	RHH-047	1 gm	***	
<i>n</i> -hexacosane	630-01-3	RNA-027	1 gm	***	
<i>n</i> -hexadecane ( <i>n</i> -cetane)	544-76-3	RNA-007	1 gm	***	
hexamethylbenzene	87-85-4	RAB-012	100 mg	***	
<i>n</i> -hexane	110-54-3	RNA-018	1 gm	***	
2-hexanone	591-78-6	RCC-207	100 mg	***	
<i>n</i> -hexatriacontane	630-06-8	RNA-017	1 gm	***	

‡ - @ 100 µg/mL in Hexane

## Neat Compounds of Environmental Interest

Neat Standards		95 - 99% Pure		
Compound	CAS #	Catalog #	Unit Size	Price
<i>n</i> -hexylbenzene ( <i>phenylhexane</i> )	1077-16-3	RAB-023	100 mg	***
hydroquinone	123-31-9	RCC-167	100 mg	***
2-hydroxypropionitrile	78-97-7	RCC-208	100 mg	***
<i>imidazolidinethione</i>	<i>see ethylenethiourea</i>			
indane	496-11-7	RAH-065	100 mg	***
1,3-indanedione	606-23-5	RAH-034	100 mg	***
indene	95-13-6	RAH-035	100 mg	***
indeno[1,2,3- <i>cd</i> ]pyrene	193-39-5	RAH-077	5 mg	***
indole	120-72-9	HAH-024	100 mg	***
<i>iodomethane</i>	<i>see methyl iodide</i>			
isobutyl alcohol	78-83-1	RCC-183	1 gm	***
isobutylbenzene	538-93-2	RAB-019	100 mg	***
<i>isodurene</i>	<i>see 1,2,3,5-tetramethylbenzene</i>			
isophorone	78-59-1	RCC-209	100 mg	***
isopropylbenzene ( <i>cumene</i> )	98-82-8	RAB-015	100 mg	***
4-isopropyltoluene	99-87-6	RAB-042	100 mg	***
isoquinoline	119-65-3	HAH-002	100 mg	***
isosafrole	120-58-1	RCC-184	100 mg	***
<i>lepidine</i>	<i>see 4-methylquinoline</i>			
malononitrile	109-77-3	RCC-210	100 mg	***
<i>mesitylene</i>	<i>see 1,3,5-trimethylbenzene</i>			
methacrylonitrile	126-98-7	RCC-211	100 mg	***
methyl acrylate	96-33-3	RCC-212	100 mg	***
1-methylanthracene	610-48-0	RAH-098	10 mg	***
2-methylanthracene	613-12-7	RAH-036	100 mg	***
9-methylanthracene	779-02-2	RAH-037	100 mg	***
2-methylbiphenyl	643-58-3	RAH-038	100 mg	***
3-methylbiphenyl	643-93-6	RAH-039	100 mg	***
4-methylbiphenyl	644-08-6	RAH-040	100 mg	***
3-methylcholanthrene	56-49-5	RAH-041	10 mg	***
2-methyl-4,6-dinitrophenol	534-52-1	RCC-169	100 mg	***
2-methyldodecane	1560-97-0	FLHC-002	50 mg	***
2-methyleicosane	1560-84-5	FLHC-006	50 mg	***
<i>methylene chloride</i>	<i>see dichloromethane</i>			
4,4'-methylenebis(2-chloroaniline)	101-14-4	RCC-011	100 mg	***
1-methylfluorene	1730-37-6	RAH-043	100 mg	***
3-methylhendecane	1002-43-3	FLHC-009	50 mg	***
3-methylheneicosane	6418-47-9	FLHC-014	50 mg	***
3-methylheptadecane	6418-44-6	FLHC-012	50 mg	***
2-methylhexadecane	1560-92-5	FLHC-004	50 mg	***
1-methylindole	603-76-9	HAH-025	100 mg	***
2-methylindole	95-20-5	HAH-026	100 mg	***
3-methylindole	83-34-1	HAH-027	100 mg	***
7-methylindole	933-67-5	HAH-028	100 mg	***
methyl iodide ( <i>iodomethane</i> )	74-88-4	RHH-062	100 mg	***
1-methylisoquinoline	1721-93-3	HAH-011	10 mg	***
methyl methacrylate	80-62-6	RCC-213	100 mg	***
methyl methanesulfonate	66-27-3	RCC-185	100 mg	***
1-methylnaphthalene	90-12-0	RAH-044	500 mg	***
2-methylnaphthalene	91-57-6	RAH-045	500 mg	***
2-methyl-1-nitronaphthalene	881-03-8	RNH-112	100 mg	***

## Neat Compounds of Environmental Interest

Neat Standards				95 - 99% Pure	
Compound	CAS #	Catalog #	Unit Size	Price	
2-methyloctadecane	1560-88-9	FLHC-005	50 mg	***	
3-methylpentadecane	2882-96-4	FLHC-011	50 mg	***	
4-methyl-2-pentanone (MIBK)	108-10-1	RCC-214	1 gm	***	
1-methylphenanthrene	832-69-9	RAH-046	10 mg	***	
2-methylphenol	<i>see o-cresol</i>				
3-methylphenol	<i>see m-cresol</i>				
4-methylphenol	<i>see p-cresol</i>				
2-methylquinoline (quinaldine)	91-63-4	HAH-012	100 mg	***	
3-methylquinoline	612-58-8	HAH-013	100 mg	***	
4-methylquinoline (Iepidine)	491-35-0	HAH-014	100 mg	***	
6-methylquinoline	91-62-3	HAH-031	100 mg	***	
7-methylquinoline	612-60-2	HAH-015	10 mg	***	
8-methylquinoline	611-32-5	HAH-016	100 mg	***	
2-methyltetradecane	1560-95-8	FLHC-003	50 mg	***	
3-methyltricosane	-	FLHC-015	50 mg	***	
3-methyltridecane	6418-41-3	FLHC-010	50 mg	***	
naphthacene	92-24-0	RAH-078	10 mg	***	
naphthalene	91-20-3	RAH-080	100 mg	***	
$\beta$ -naphthoquinoline	<i>see benzo[f]quinoline</i>				
1,4-naphthoquinone	130-15-4	RCC-215	100 mg	***	
$\alpha$ -naphthylamine	134-32-7	RCC-012	100 mg	***	
$\beta$ -naphthylamine	91-59-8	RCC-013	10 mg	***	
2-nitroaniline	88-74-4	RCC-186	100 mg	***	
3-nitroaniline	99-09-2	RCC-187	100 mg	***	
4-nitroaniline	100-01-6	RCC-188	100 mg	***	
9-nitroanthracene	602-60-8	RNH-115 †	1 x 1 mL	***	
nitrobenzene	98-95-3	RNH-004	100 mg	***	
2-nitrobiphenyl	86-00-0	RNH-117	100 mg	***	
3-nitrobiphenyl	2113-58-8	RNH-118	100 mg	***	
4-nitrobiphenyl	92-93-3	RNH-177	200 mg	***	
3-nitrodibenzofuran	5410-97-9	RNH-120 †	1 x 1 mL	***	
2-nitrodibenzothiophene	6639-36-7	RNH-121 †	1 x 1 mL	***	
2-nitrodiphenylamine	119-75-5	RNH-123	100 mg	***	
2-nitrofluorene	607-57-8	RNH-097	200 mg	***	
3-nitro-9-fluorenone	42135-22-8	RNH-125 †	1 x 1 mL	***	
5-nitroindane	7/9/7436	RNH-126	100 mg	***	
1-nitronaphthalene	86-57-5	RNH-127	100 mg	***	
9-nitrophenanthrene	954-46-1	RNH-130 †	1 x 1 mL	***	
5-nitro-1,10-phenanthroline	4199-88-6	RNH-131	100 mg	***	
2-nitrophenol	88-75-5	RCC-170	100 mg	***	
4-nitrophenol	100-02-7	RCC-171	100 mg	***	
2-nitrophenyl disulfide	1155-00-6	RNH-144	100 mg	***	
3-nitrophenyl disulfide	537-91-7	RNH-145	100 mg	***	
4-nitrophenyl disulfide (tech)	100-32-3	RNH-146	100 mg	***	
4-nitrophenyl phenyl ether	620-88-2	RNH-147	100 mg	***	
4-nitrophenyl phenyl sulfide	952-97-6	RNH-148	100 mg	***	
2-nitro- <i>p</i> -phenylenediamine	5307-14-2	RNH-099	100 mg	***	
3-nitro- <i>o</i> -phenylenediamine	3694-52-8	RNH-166	100 mg	***	
4-nitro- <i>o</i> -phenylenediamine	99-56-9	RNH-100	100 mg	***	
2-nitropropane	79-46-9	RCC-189	100 mg	***	

† - @ 100  $\mu$ g/mL in Nitromethane



## Neat Compounds of Environmental Interest

Neat Standards				95 - 99% Pure	
Compound	CAS #	Catalog #	Unit Size	Price	
1-nitropyrene	5522-43-0	RNH-132 †	1 x 1 mL	***	
5-nitroquinoline	607-34-1	RNH-149	100 mg	***	
6-nitroquinoline	613-50-3	RNH-150	100 mg	***	
8-nitroquinoline	607-35-2	RNH-151	100 mg	***	
4-nitroquinoline-1-oxide	56-57-5	RCC-190	100 mg	***	
N-nitrosodicyclohexylamine	947-92-2	RCC-071	100 mg	***	
N-nitrosodiethylamine	55-18-5	RCC-016	100 mg	***	
N-nitrosodimethylamine	62-75-9	RCC-015	100 mg	***	
N-nitrosodiphenylamine	86-30-6	RCC-017	100 mg	***	
N-nitrosodi- <i>n</i> -propylamine	621-64-7	RCC-072	20 mg	***	
N-nitrosomethylethylamine	10595-95-6	RCC-191	100 mg	***	
4-nitrosomorpholine	59-89-2	RCC-077	20 mg	***	
1-nitrosopiperidine	100-75-4	RCC-078	20 mg	***	
1-nitrosopyrrolidine	930-55-2	RCC-080	100 mg	***	
4-nitro- <i>p</i> -terphenyl	10355-53-0	RNH-133	100 mg	***	
2-nitrotoluene	88-72-2	RNH-005	100 mg	***	
3-nitrotoluene	98-08-1	RNH-006	100 mg	***	
4-nitrotoluene	99-99-0	RNH-007	100 mg	***	
5-nitro- <i>o</i> -toluidine	99-55-8	RCC-192	100 mg	***	
<i>n</i> -nonacosane	630-03-5	RNA-029	10 mg	***	
<i>n</i> -nonadecane	629-92-5	RNA-010	1 gm	***	
<i>n</i> -nonane	111-84-2	RNA-021	1 gm	***	
<i>n</i> -nonylbenzene ( <i>phenylnonane</i> )	1081-77-2	RAB-026	100 mg	***	
<i>norphytane</i>	<i>see 2,6,10,14-tetramethylpentadecane</i>				
octachloronaphthalene	2234-13-1	RCN-012	20 mg	***	
octachlorostyrene	29082-74-4	RCB-045	10 mg	***	
<i>n</i> -octacosane	630-02-4	RNA-014	1 gm	***	
<i>n</i> -octadecane	593-45-3	RNA-009	1 gm	***	
<i>n</i> -octane	111-65-9	RNA-020	1 gm	***	
<i>n</i> -octatriacontane	7194-85-6	RNA-033	100 mg	***	
<i>n</i> -octylbenzene ( <i>phenyloctane</i> )	2189-60-8	RAB-025	100 mg	***	
pentabromophenol	608-71-9	RBF-010	100 mg	***	
pentacene	135-48-8	RAH-049	10 mg	***	
pentachloroaniline	527-20-8	RCA-015	100 mg	***	
pentachloroanisole	1825-21-4	RCP-041	50 mg	***	
pentachlorobenzene	608-93-5	RCP-030	100 mg	***	
pentachloroethane	76-01-7	RHH-018	1 gm	***	
pentachlorophenol	87-86-5	RCP-019	20 mg	***	
2,3,4,5,6-pentachlorotoluene	877-11-2	RCB-020	100 mg	***	
<i>n</i> -pentacosane	629-99-2	RNA-026	100 mg	***	
<i>n</i> -pentadecane	629-62-9	RNA-006	1 gm	***	
pentamethylbenzene	700-12-9	RAB-011	100 mg	***	
2,2,4,6,6-pentamethylheptane	13475-82-6	RNA-022	1 gm	***	
<i>n</i> -pentatriacontane	630-07-9	RNA-032	100 mg	***	
<i>n</i> -pentylbenzene ( <i>n</i> - <i>amylbenzene</i> )	538-68-1	RAB-020	100 mg	***	
<i>sec</i> -pentylbenzene ( <i>sec</i> - <i>amylbenzene</i> )	2719-52-0	RAB-021	100 mg	***	
<i>tert</i> -pentylbenzene ( <i>tert</i> - <i>amylbenzene</i> )	2049-95-8	RAB-022	100 mg	***	
perylene	198-55-0	RAH-050	10 mg	***	
phenacetin	62-44-2	RCC-216	100 mg	***	
phenanthrene	85-01-8	RAH-051	100 mg	***	
phenanthridine ( <i>benzo</i> [ <i>c</i> ]quinoline)	229-87-8	HAH-006	100 mg	***	

## Neat Compounds of Environmental Interest

Neat Standards				95 - 99% Pure
Compound	CAS #	Catalog #	Unit Size	Price
1,10-phenanthroline monohydrate	5144-89-8	RCC-141	100 mg	***
phenol	108-95-2	RCC-172	100 mg	***
9-phenylanthracene	602-55-1	RAH-089	100 mg	***
1-phenyl-2-butene	1560-06-1	RAB-028	100 mg	***
<i>n</i> -phenylcarbazole	1150-62-5	RCC-126	100 mg	***
<i>p</i> -phenylenediamine	106-50-3	RCC-194	100 mg	***
1-phenyl-naphthalene	605-02-7	RAH-099	100 mg	***
<i>N</i> -phenyl- $\beta$ -naphthylamine	135-88-6	RCC-040	100 mg	***
<i>phytane</i>	<i>see 2,6,10,14-tetramethylhexadecane</i>			
2-picoline	109-06-8	RCC-195	100 mg	***
<i>prehnitene</i>	<i>see 1,2,3,4-tetramethylbenzene</i>			
<i>pristane</i>	<i>see 2,6,10,14-tetramethylpentadecane</i>			
propargyl alcohol	107-19-7	RCC-196	100 mg	***
$\beta$ -propiolactone	57-57-8	RCC-018	100 mg	***
propionitrile	107-12-0	RCC-217	100 mg	***
<i>n</i> -propylamine	107-10-8	RCC-197	100 mg	***
<i>n</i> -propylbenzene	103-65-1	RAB-014	100 mg	***
propylene oxide	75-56-9	RCC-092	100 mg	***
<i>pseudocumene</i>	<i>see 1,2,4-trimethylbenzene</i>			
pyrene	129-00-0	RAH-008	100 mg	***
pyridine	110-86-1	RCC-198	1 gm	***
<i>p</i> -quaterphenyl	135-70-6	RAH-054	100 mg	***
<i>quinaldine</i>	<i>see 2-methylquinoline</i>			
quinoline	91-22-5	HAH-001	100 mg	***
<i>m</i> -quinquephenyl	16716-13-5	RAH-063	10 mg	***
<i>p</i> -quinquephenyl	3073-05-0	RAH-100	10 mg	***
rubrene	517-51-1	RAH-055	10 mg	***
safrole	94-59-7	RCC-063	100 mg	***
styrene	100-42-5	RAB-043	100 mg	***
styrene oxide	96-09-3	RCC-093	1 gm	***
<i>o</i> -terphenyl	84-15-1	RAH-056	100 mg	***
<i>m</i> -terphenyl	92-06-8	RAH-057	100 mg	***
<i>p</i> -terphenyl	92-94-4	RAH-058	100 mg	***
1,2,4,5-tetrabromobenzene	636-28-2	RBF-004	100 mg	***
1,1,2,2-tetrabromoethane	79-27-6	RHH-028	1 gm	***
2,3,4,5-tetrachloroaniline	634-83-3	RCA-013	100 mg	***
2,3,5,6-tetrachloroaniline	3481-20-7	RCA-014	100 mg	***
2,3,4,5-tetrachloroanisole	938-86-3	RCP-050	50 mg	***
2,3,4,6-tetrachloroanisole	938-22-7	RCP-051	50 mg	***
2,3,5,6-tetrachloroanisole	6936-40-9	RCP-052	50 mg	***
1,2,3,4-tetrachlorobenzene	634-66-2	RCP-027	100 mg	***
1,2,3,5-tetrachlorobenzene	634-90-2	RCP-028	100 mg	***
1,2,4,5-tetrachlorobenzene	95-94-3	RCP-029	100 mg	***
1,1,1,2-tetrachloroethane	630-20-6	RHH-016	1 gm	***
1,1,2,2-tetrachloroethane	79-34-5	RHH-017	1 gm	***
tetrachloroethene	127-18-4	RHH-023	1 gm	***
2,3,4,5-tetrachlorophenol	4901-51-3	RCP-016	20 mg	***
2,3,4,6-tetrachlorophenol	58-90-2	RCP-017	20 mg	***
2,3,5,6-tetrachlorophenol	935-95-5	RCP-018	20 mg	***
1,1,1,2-tetrachloropropane	812-03-3	RHH-040	1 gm	***
1,1,1,3-tetrachloropropane	1070-78-6	RHH-041	1 gm	***

## Neat Compounds of Environmental Interest

Neat Standards		95 - 99% Pure		
Compound	CAS #	Catalog #	Unit Size	Price
1,1,2,3-tetrachloropropane	18495-30-2	RHH-042	1 gm	***
$\alpha,\alpha,2,6$ -tetrachlorotoluene	81-19-6	RCB-019	100 mg	***
$\alpha,\alpha,\alpha,4$ -tetrachlorotoluene	5216-25-1	RCB-018	100 mg	***
2,4,5,6-tetrachloro- <i>m</i> -xylene	877-09-8	RCB-031	100 mg	***
<i>n</i> -tetracontane	4181-95-7	RNA-034	100 mg	***
<i>n</i> -tetracosane	646-31-1	RNA-013	1 gm	***
<i>n</i> -tetradecane	629-59-4	RNA-005	1 gm	***
1,2,3,4-tetrahydrocarbazole	942-01-8	RCC-125	100 mg	***
1,2,3,4-tetrahydrofluoranthene	42429-92-5	RAH-091	10 mg	***
tetrahydrofuran	109-99-9	RCC-199	1 gm	***
1,2,3,4-tetrahydronaphthalene	119-64-2	RAH-079	100 mg	***
1,2,3,4-tetramethylbenzene	488-23-3	RAB-009	25 mg	***
1,2,3,5-tetramethylbenzene	527-53-7	RAB-008	100 mg	***
1,2,4,5-tetramethylbenzene ( <i>durene</i> )	95-93-2	RAB-010	100 mg	***
2,6,10,14-tetramethylhexadecane ( <i>phytane</i> )	638-36-8	FLHC-017	100 mg	***
2,6,10,14-tetramethylpentadecane	1921-70-6	FLHC-016	100 mg	***
1,2,3,4-tetraphenylnaphthalene	751-38-2	RAH-092	10 mg	***
<i>n</i> -tetracontane	7098-22-8	RNA-035	100 mg	***
<i>n</i> -tetratriacontane	14167-59-0	RNA-016	100 mg	***
thiophene	110-02-1	RCC-121	1 gm	***
<i>o</i> -tolidine (3,3'-dimethylbenzidine)	119-93-7	RCC-041	100 mg	***
toluene ( <i>methylbenzene</i> )	108-88-3	RAB-001	100 mg	***
<i>o</i> -tolidine	95-53-4	RCC-193	100 mg	***
<i>n</i> -triacontane	638-68-6	RNA-030	100 mg	***
triallyl phosphate	1623-19-4	RCC-115	1 gm	***
1,3,5-tribromobenzene	626-39-1	RBFB-003	100 mg	***
2,4,6-tribromophenol	118-79-6	RBFB-009	100 mg	***
2,3,4-trichloroaniline	634-67-3	RCA-010	100 mg	***
2,4,5-trichloroaniline	636-30-6	RCA-011	100 mg	***
2,4,6-trichloroaniline	634-93-5	RCA-012	100 mg	***
2,3,4-trichloroanisole	54135-80-7	RCP-039	100 mg	***
2,3,5-trichloroanisole	54135-81-8	RCP-048	50 mg	***
2,3,6-trichloroanisole	50375-10-5	RCP-040	100 mg	***
2,4,5-trichloroanisole	6130-75-2	RCP-043	50 mg	***
2,4,6-trichloroanisole	87-40-1	RCP-044	50 mg	***
3,4,5-trichloroanisole	54135-82-9	RCP-049	50 mg	***
1,2,3-trichlorobenzene	87-61-6	RCP-024	100 mg	***
1,2,4-trichlorobenzene	120-82-1	RCP-025	100 mg	***
1,3,5-trichlorobenzene	108-70-3	RCP-026	100 mg	***
2,3,6-trichlorobenzoic acid (tech)	50-31-7	RBA-010	100 mg	***
1,1,1-trichloroethane	71-55-6	RHH-014	1 gm	***
1,1,2-trichloroethane	79-00-5	RHH-015	1 gm	***
trichloroethene	79-01-6	RHH-022	1 gm	***
2,3,4-trichlorophenol	15950-66-0	RCP-010	20 mg	***
2,3,5-trichlorophenol	933-78-8	RCP-011	20 mg	***
2,3,6-trichlorophenol	933-75-5	RCP-012	20 mg	***
2,4,5-trichlorophenol	95-95-4	RCP-013	20 mg	***
2,4,6-trichlorophenol	88-06-2	RCP-014	20 mg	***
3,4,5-trichlorophenol	609-19-8	RCP-015	20 mg	***
1,2,3-trichloropropane	96-18-4	RHH-039	1 gm	***
2,3,6-trichlorotoluene	2077-46-5	RCB-013	100 mg	***

## Neat Compounds of Environmental Interest

Neat Standards				95 - 99% Pure
Compound	CAS #	Catalog #	Unit Size	Price
2,4,5-trichlorotoluene	6639-30-1	RCB-012	100 mg	***
$\alpha$ ,2,4-trichlorotoluene	94-99-5	RCB-015	100 mg	***
$\alpha$ ,2,6-trichlorotoluene	2014-83-7	RCB-014	100 mg	***
$\alpha$ ,3,4-trichlorotoluene	102-47-6	RCB-016	100 mg	***
$\alpha$ , $\alpha$ , $\alpha$ -trichlorotoluene	98-07-7	RCB-017	100 mg	***
<i>n</i> -tricosane	638-67-5	RNA-025	1 gm	***
<i>n</i> -tridecane	629-50-5	RNA-004	1 gm	***
1,2,3-trimethylbenzene	526-73-8	RAB-006	100 mg	***
1,2,4-trimethylbenzene	95-63-6	RAB-005	100 mg	***
1,3,5-trimethylbenzene ( <i>mesitylene</i> )	108-67-8	RAB-007	100 mg	***
2,3,5-trimethylnaphthalene	2245-38-7	RAH-069	10 mg	***
2,4,7-trinitro-9-fluorenone	129-79-3	RNH-106	25 mg	***
triphenylene	217-59-4	RAH-059	10 mg	***
triptycene	477-75-8	RAH-060	10 mg	***
truxene	548-35-6	RAH-061	100 mg	***
<i>n</i> -undecane	1120-21-4	RNA-002	1 gm	***
vinyl acetate	108-05-4	RCC-218	100 mg	***
vinyl bromide	see bromoethene			
4-vinylcyclohexene dioxide	10/3/4223	RCC-094	1 gm	***
vinylidene chloride	see 1,1-dichloroethene			
<i>o</i> -xylene (1,2-dimethylbenzene)	95-47-6	RAB-002	100 mg	***
<i>m</i> -xylene (1,3-dimethylbenzene)	108-38-3	RAB-003	100 mg	***
<i>p</i> -xylene (1,4-dimethylbenzene)	106-42-3	RAB-004	100 mg	***

## Neat Reference Materials Kits

All of these materials are manufactured under ULTRA's ISO 9001 quality system. A certificate showing the purity of the compound is available for each standard.

Volatile Halocarbons Kit	
<b>Kit - contains twenty vials:</b>	
<i>1 x 100 mg of each compound listed below</i>	
bromochloromethane	1,2-dichloroethane
bromodichloromethane	1,1-dichloroethene
bromoethane	<i>trans</i> -1,2-dichloroethene
bromoform	dichloromethane
bromotrichloromethane	1,1,1-trichloroethane
carbon tetrachloride	trichloroethene
chloroform	1,1,2,2-tetrabromoethane
1,2-dibromoethane	1,1,1,2-tetrachloroethane
1,2-dibromoethene	1,1,2,2-tetrachloroethane
dibromomethane	tetrachloroethene
<b>FRCK-001</b>	<b>Kit</b> <b>***</b>

Halomethanes Kit	
<b>Kit - contains eleven vials:</b>	
<i>1 x 100 mg of each compound listed below</i>	
dichloromethane	
chloroform	
carbon tetrachloride	
dibromomethane	
bromoform	
carbon tetrabromide	
bromochloromethane	
bromodichloromethane	
bromotrichloromethane	
dibromochloromethane	
dibromodichloromethane	
<b>FRCK-006</b>	<b>Kit</b> <b>***</b>

## Neat Reference Materials Kits

## Haloethanes Kit

**Kit - contains fifteen vials:**

1 x 100 mg of each compound listed below

1,1-dichloroethane  
 1,2-dichloroethane  
 1,1,1-trichloroethane  
 1,1,2-trichloroethane  
 1,1,1,2-tetrachloroethane  
 1,1,2,2-tetrachloroethane  
 pentachloroethane  
 hexachloroethane  
 bromoethane  
 1,2-dibromoethane  
 1,1,2,2-tetrabromoethane  
 1-bromo-1-chloroethane  
 1-bromo-2-chloroethane  
 1,2-dibromo-1,1-dichloroethane  
 1,2-dibromo-1,2-dichloroethane

FRCK-007

Kit

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## Halopropanes Kit

**Kit - contains fourteen vials:**

1 x 100 mg of each compound listed below

1-chloropropane  
 2-chloropropane  
 1,2-dichloropropane  
 1,3-dichloropropane  
 1,2,3-trichloropropane  
 1,1,1,2-tetrachloropropane  
 1,1,2,3-tetrachloropropane  
 1,2-dibromo-3-chloropropane  
 1,2,2,3-tetrachloropropane  
 1-bromopropane  
 2-bromopropane  
 1,2-dibromopropane  
 1,3-dibromopropane  
 1-bromo-3-chloropropane

FRCK-002

Kit

\*\*\*

## Halobutanes Kit

**Kit - contains fourteen vials:**

1 x 100 mg of each compound listed below

1-chlorobutane  
 2-chlorobutane  
 1,3-dichlorobutane  
 1,4-dichlorobutane  
 2,2-dichlorobutane  
 2,3-dichlorobutane  
 1-bromobutane  
 2-bromobutane  
 1,3-dibromobutane  
 1,4-dibromobutane  
 1,1,2-tribromobutane  
 2,2,3-tribromobutane  
 1,2,3,4-tetrabromobutane  
 1-bromo-4-chlorobutane

FRCK-015

Kit

\*\*\*

## Haloethenes Kit

**Kit - contains six vials:**

1 x 100 mg of each compound listed below

1,1-dichloroethene  
 trans-1,2-dichloroethene  
 trichloroethene  
 tetrachloroethene  
 bromoethene  
 1,2-dibromoethene

FRCK-008

Kit

\*\*\*

## Halopropenes Kit

**Kit - contains seven vials:**

1 x 100 mg of each compound listed below

3-chloropropene (*allyl chloride*)  
 1,3-dichloro-1-propene  
 (*cis* and *trans* mix)  
 2,3-dichloro-1-propene  
 1,1,2,3-tetrachloro-2-propene  
 hexachloropropene  
 2-bromopropene  
 3-bromopropene (*allyl bromide*)

FRCK-003

Kit

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## Halobutenes Kit

**Kit - contains eight vials:**

1 x 100 mg of each compound listed below

1-chloro-2-butene (*crotyl chloride*)  
 3-chloro-1-butene  
 1,2-dichloro-3-butene  
 1,3-dichloro-2-butene  
 1,4-dichloro-*cis*-2-butene  
 hexachloro-1,3-butadiene  
 1-bromo-2-butene (*crotyl bromide*)  
 4-bromo-1-butene

FRCK-005

Kit

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## Neat Reference Materials Kits

Polynuclear Aromatic  
Hydrocarbons Kit

## Kit - contains twenty vials:

1 x 5 mg of each compound listed below

acenaphthene  
 anthanthrene  
 anthracene  
 benz[a]anthracene  
 benz[a]anthracene-7,12-dione  
 benzo[ghi]perylene  
 benzo[a]pyrene  
 benzo[e]pyrene  
 benzo[f]quinoline  
 carbazole  
 chrysene  
 coronene  
 dibenzothiophene  
 4H-cyclopenta[def]phenanthrene  
 fluoranthene  
 naphthalene  
 perylene  
 phenanthrene  
 pyrene  
 truxene

FRNH-068 Kit \*\*\*

## Chlorophenols Kit

## Kit - contains nineteen vials:

1 x 20 mg of each compound listed below

2-chlorophenol  
 3-chlorophenol  
 4-chlorophenol  
 2,3-dichlorophenol  
 2,4-dichlorophenol  
 2,5-dichlorophenol  
 2,6-dichlorophenol  
 3,4-dichlorophenol  
 3,5-dichlorophenol  
 2,3,4-trichlorophenol  
 2,3,5-trichlorophenol  
 2,3,6-trichlorophenol  
 2,4,5-trichlorophenol  
 2,4,6-trichlorophenol  
 3,4,5-trichlorophenol  
 2,3,4,5-tetrachlorophenol  
 2,3,4,6-tetrachlorophenol  
 2,3,5,6-tetrachlorophenol  
 pentachlorophenol

FRCK-013 Kit \*\*\*

## Chlorobenzenes Kit

## Kit - contains twelve vials:

1 x 100 mg of each compound listed below

chlorobenzene  
 1,2-dichlorobenzene  
 1,3-dichlorobenzene  
 1,4-dichlorobenzene  
 1,2,3-trichlorobenzene  
 1,2,4-trichlorobenzene  
 1,3,5-trichlorobenzene  
 1,2,3,4-tetrachlorobenzene  
 1,2,3,5-tetrachlorobenzene  
 1,2,4,5-tetrachlorobenzene  
 pentachlorobenzene  
 hexachlorobenzene

FRCK-014 Kit \*\*\*

## Phthalate Esters Kit

## Kit - contains eighteen vials:

1 x 1 gm of each compound listed below

dimethyl phthalate  
 dimethyl isophthalate  
 diethyl phthalate  
 dibutyl phthalate  
 diisobutyl phthalate  
 diallyl phthalate  
 dimethoxyethyl phthalate  
 diisohexyl phthalate  
*(esters of branched C6 alcohols)*  
 dicyclohexyl phthalate  
 diphenyl phthalate  
 diphenyl isophthalate  
 isobutyl cyclohexyl phthalate  
 butyl isooctyl phthalate  
*(esters of branched C8 alcohols)*  
 diisooctyl phthalate  
*(esters of branched C8 alcohols)*  
 bis(2-ethylhexyl) isophthalate  
 diisononyl phthalate  
*(esters of branched C9 alcohols)*  
 diisodecyl phthalate  
*(esters of branched C10 alcohols)*  
 butyl phthalyl butyl glycolate

FRCS-156 Kit \*\*\*

## Nitroaromatics and Isophorone Kit

## Kit - contains four vials:

1 x 100 mg of each compound listed below

isophorone  
 nitrobenzene  
 2,4-dinitrotoluene  
 2,6-dinitrotoluene

FRCK-009 Kit \*\*\*

## Neat Reference Materials Kits

**Anilines Kit****Kit - contains eighteen vials:***1 x 100 mg of each compound listed below*

aniline  
 2-chloroaniline  
 3-chloroaniline  
 4-chloroaniline  
 3,4-dichloroaniline  
 2,4,5-trichloroaniline  
 4-bromoaniline  
 2-nitroaniline  
 3-nitroaniline  
 4-nitroaniline  
 2,4-dinitroaniline  
 2-chloro-4-nitroaniline  
 4-chloro-2-nitroaniline  
 2,6-dichloro-4-nitroaniline  
 2-chloro-4,6-dinitroaniline  
 2,6-dibromo-4-nitroaniline  
 2-bromo-4,6-dinitroaniline  
 2,6-dimethylaniline

**FRNH-179 Kit \*\*\*****Nitrosamines Kit****Kit - contains ten vials:***1 x 100 mg of each compound listed below*

N-nitrosodimethylamine  
 N-nitrosodiethylamine  
 N-nitrosodi-*n*-propylamine  
 N-nitrosodi-*n*-butylamine  
 N-nitrosodiphenylamine  
 N-nitrosomorpholine  
 N-nitrosopiperidine  
 N-nitrosopyrrolidine  
 4-nitroso-N,N-diethylaniline  
 N,N-dimethyl-4-nitrosoaniline

**FRCK-010 Kit \*\*\*****Nitrosamine Solutions Kit****Kit - contains eight ampules:***1 x 1 mL of each individual compound @ 100 µg/mL in Methanol:*

N-nitrosodimethylamine  
 N-nitrosodi-*n*-propylamine  
 N-nitrosodiethylamine  
 N-nitrosomethylethylamine  
 N-nitrosodiphenylamine  
 4-nitrosomorpholine  
 1-nitrosopiperidine  
 1-nitrosopyrrolidine

**FRCS-275 Kit \*\*\*****Antioxidant Food Additives Kit****Kit - contains thirteen vials:***1 x 1 gm of each compound listed below*

ascorbic acid  
 ascorbyl palmitate  
 BHA (2-*t*-butyl-4-methoxyphenol + 3-*t*-butyl-4-methoxyphenol)  
 BHT (2,6-di-*t*-butyl-4-methylphenol)  
*t*-butylhydroquinone  
 ethoxyquin (1,2-dihydro-6-ethoxy-2,2,4-triethylquinoline)  
 erythorbic acid (isoascorbic acid)  
 dilauryl thiodipropionate  
 4-hydroxymethyl-2,6-di-*t*-butyl phenol  
 glycine  
 propyl gallate  
 thiodipropionic acid  
 THBP (2,4,5-trihydroxybutyrophenone)

**FLPK-007 Kit \*\*\*****Antimicrobial Food Additives Kit****Kit - contains thirteen vials:***1 x 1 gm of each compound listed below*

acetic acid  
 benzoic acid  
 butyl paraben  
 caprylic acid  
 ethyl paraben  
 methyl paraben  
 potassium sorbate  
 propionic acid  
 propyl paraben  
 sodium benzoate  
 sodium nitrate  
 sodium nitrite  
 sorbic acid

**FLPK-002 Kit \*\*\***