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This combined document includes a brochure for all of the following areas for Chem Service:

- CHEM SERVICE INC. [Azodye & Dye Standards](#)
- CHEM SERVICE INC. Bisphenols
- CHEM SERVICE INC. Cannabis Standards
- CHEM SERVICE INC. Pesticides for Cannabis Brochure
- CHEM SERVICE INC. Custom Solutions and Mixtures
- CHEM SERVICE INC. Custom Synthesis
- CHEM SERVICE INC. Explosive Standards
- CHEM SERVICE INC. Neonicotinoids
- CHEM SERVICE INC. New Products
- CHEM SERVICE INC. PBDEs
- CHEM SERVICE INC. [Archlor & PCB Standards](#)
- CHEM SERVICE INC. Personal Care Products
- CHEM SERVICE INC. Phthalate Standards
- CHEM SERVICE INC. [Pirimiphos & Metabolites](#)
- CHEM SERVICE INC. Vitamin Standards

Distributed By



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Azodye & Dye Standards



Azodyes are colorants that are used in the textile, leather, paper and hair industries. Azodyes brilliant colors are what makes them so useful as colorants for these products. Their availability and cost effectiveness has only added to their popularity with world-wide manufacturers.

The problem with using these chemicals in in such products mostly occurs when they start to break down. Some of these dyes break down into carcinogenic aromatic amines, thus a health hazard is created when they come in physical contact with the skin. The European Union has banned a small number of these dyes in products that come into skin contact. These dyes have one or more nitrogen-nitrogen double bonds.

name	CAS#	part number
o-Aminoazotoluene	97-56-3	N-12671-1G
4-Aminobiphenyl	92-67-1	N-10805-100MG
4-Aminobiphenyl Solution 100ug/mL in Methanol	92-67-1	S-10805M1-1ML
4-Aminobiphenyl Solution 100ug/mL in Methanol	92-67-1	S-10805M1-5ML
Aniline	62-53-3	N-11076-1G
Aniline Solution 100ug/mL in Methanol	62-53-3	S-11076M1-5ML
Aniline Solution 100ug/mL in Methanol	62-53-3	S-11076M1-1ML
Benzidine	92-87-5	N-11158-250MG
Benzidine Solution 100ug/mL in Ethanol	92-87-5	S-11158G1-5ML
Benzidine Solution 100ug/mL in Ethanol	92-87-5	S-11158G1-1ML
4-Chloro-2-methylaniline	95-69-2	MET-11426A-1G
4-Chloroaniline	106-47-8	N-10820-1G
4-Chloroaniline Solution 100 ug/ml in Methanol	106-47-8	S-10820M1-5ML
4-Chloroaniline Solution 100 ug/ml in Methanol	106-47-8	S-10820M1-1ML
2,4-Diaminotoluene	95-80-7	N-10534-1G
2,4-Diaminotoluene Solution 100 ug/ml In Toluene	95-80-7	S-10534U1-1ML
2,4-Diaminotoluene Solution 100 ug/ml In Toluene	95-80-7	S-10534U1-5ML
3,3'-Dichlorobenzidine	91-94-1	N-10777-100MG
3,3'-Dichlorobenzidine Solution 100 ug/ml in Methanol	91-94-1	S-10777M1-5ML
3,3'-Dichlorobenzidine Solution 100 ug/ml in Methanol	91-94-1	S-10777M1-1ML
3,3'-Dimethoxybenzidine	119-90-4	N-10779-1G
3,3'-Dimethoxybenzidine Solution 100 ug/ml in Methanol	119-90-4	S-10779M1-1ML
3,3'-Dimethoxybenzidine Solution 100 ug/ml in Methanol	119-90-4	S-10779M1-5ML
3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	N-10763-100MG
4-Methoxy-1,3-phenylenediamine	615-05-4	N-10832-100MG
2-Methoxy-5-methylaniline	120-71-8	N-10389-1G
2-Methoxy-5-methylaniline Solution 100 ug/ml in Methanol	120-71-8	S-10389M1-1ML
2-Methoxy-5-methylaniline Solution 100 ug/ml in Methanol	120-71-8	S-10389M1-5ML
2-Methyl-3-nitroaniline	603-83-8	NG-17025-1G
4-Methyl-3-nitroaniline	119-32-4	NG-17028-1G
4,4'-Methylene bis(N,N-dimethylaniline)	101-61-1	N-10868-1G
4,4'-Methylene bis(N,N-dimethylaniline) Solution 100 ug/ml in Methanol	101-61-1	S-10868M1-5ML
4,4'-Methylene bis(N,N-dimethylaniline) Solution 100 ug/ml in Methanol	101-61-1	S-10868M1-1ML
4,4'-Methylene bis(o-chloroaniline)	101-14-4	N-10883-100MG
4,4'-Methylene bis(o-chloroaniline) Solution 100 ug/ml in Methanol	101-14-4	S-10883M1-5ML
4,4'-Methylene bis(o-chloroaniline) Solution 100 ug/ml in Methanol	101-14-4	S-10883M1-1ML
4,4'-Methylenedianiline	101-77-9	N-10884-1G
b-Naphthylamine	91-59-8	N-11119-100MG
b-Naphthylamine Solution 100 ug/ml in Methanol	91-59-8	S-11119M1-1ML
b-Naphthylamine Solution 100 ug/ml in Methanol	91-59-8	S-11119M1-5ML
5-Nitro-2-aminotoluene	99-52-5	NG-17194-1G
2-Nitro-6-methylaniline	570-24-1	NG-17268-1G
5-Nitro-o-toluidine	99-55-8	N-10898-1G
5-Nitro-o-toluidine Solution 100 ug/ml in Methanol	99-55-8	S-10898M1-1ML
5-Nitro-o-toluidine Solution 100 ug/ml in Methanol	99-55-8	S-10898M1-5ML
4,4'-Oxydianiline	101-80-4	N-10869-500MG
4,4'-Oxydianiline Solution 100 ug/ml in Methanol	101-80-4	S-10869M1-1ML
4,4'-Thiodianiline	139-65-1	N-10870-500MG
o-Tolidine	119-93-7	N-12694-1G
o-Tolidine Solution 100 ug/ml in Methanol	119-93-7	S-12694M1-5ML
o-Tolidine Solution 100 ug/ml in Methanol	119-93-7	S-12694M1-1ML
o-Toluidine	95-53-4	N-12697-1G
o-Toluidine Solution 100 ug/ml in Methanol	95-53-4	S-12697M1-5ML
o-Toluidine Solution 100 ug/ml in Methanol	95-53-4	S-12697M1-1ML
2,4,5-Trimethylaniline Solution 100 ug/ml in Methanol	137-17-7	S-10541M1-5ML
2,4,5-Trimethylaniline Solution 100 ug/ml in Methanol	137-17-7	S-10541M1-1ML

name	CAS#	part number
Alizarin	72-48-0	NG-BS85-1G
Amaranth (Acid red 27)	915-67-3	NG-BS132-1G
Amido naphthol red G (Acid red 1)	3734-67-6	NG-BS135-1G
2-Amino-5-diethylaminotoluene monohydrochloride	2051-79-8	NG-14764-1G
9,10-Anthraquinone	84-65-1	N-10970-1G
9,10-Anthraquinone Solution 100 ug/ml in Methanol	84-65-1	S-10970M1-1ML
Basic fuchsin/C.I.# 42510	632-99-5	NG-BS50-1G
Basic fuchsin/C.I.#42500	569-61-9	NG-BS49-1G
Benzoic acid sodium salt	532-32-1	NG-15100-1G
Brilliant green	633-03-4	NG-BS45-1G
Chlorazol black E	1937-37-7	NG-BS42-1G
Cochineal red A	2611-82-7	NG-BS133-1G
Congo red	573-58-0	NG-BS35-1G
Copper Naphthenates(Technical)	1338-02-9	N-11501-1G
Curcumin	458-37-7	NG-BS95-1G
2,4-Diaminodiphenylamine	136-17-4	NG-15932-1G
2,4-Diaminophenol dihydrochloride	137-09-7	NG-15938-1G
Dibromofluorescein	596-03-2	NG-BS64-1G
p-Dimethylaminoazobenzene	60-11-7	N-12774-100MG
p-Dimethylaminoazobenzene Solution 100 ug/ml in Methanol	60-11-7	S-12774M1-1ML
p-Dimethylaminoazobenzene Solution 100 ug/ml in Methanol	60-11-7	S-12774M1-5ML
Eriochrome black A (Mordant-black 1)	3618-58-4	NG-BS130-1G
Erioglaucine	3844-45-9	NG-BS113-1G
Erythrosin bluish	16423-68-0	NG-BS69-1G
Fast green FCF	2353-45-9	NG-BS46-1G
Ferric oxide	1309-37-1	NG-13150-1G
Gentian violet (crystal)	548-62-9	NG-BS53-1G
8-Hydroxy-1.3.6-pyrenetrisulfonic acid trisodium salt	6358-69-6	NG-14932-10MG
Indigo carmine	860-22-0	NG-BS93-1G
Malachite green oxalate	2437-29-8	NG-BS44-1G
Metanil yellow orange MNO	587-98-4	NG-BS16-1G
Methyl violet 2B	8004-87-3	NG-BS52-1G
4,4'-4''-Methylidyne tris(N,N-dimethylaniline)	603-48-5	NG-17006-1G
Naphthol green B	19381-50-1	NG-BS1-1G
Orange II	633-96-5	NG-BS24-1G
Patent blue	129-17-9	NG-BS112-1G
o-Phenylenediamine	95-54-5	N-12691-1G
Phloxine B	18472-87-2	NG-BS68-1G
Ponceau 6	3761-53-3	NG-BS26-1G
Quinoline yellow	8004-92-0	NG-BS72-1G
Rhodamine B	81-88-9	NG-BS62-1G
Riboflavin 5'-phosphate sodium salt	130-40-5	NG-15813-100MG
Safranin O	477-73-6	NG-BS84-1G
Sudan black B	4197-25-5	NG-BS41-1G
Sudan III	85-86-9	NG-BS39-1G
Sudan IV	85-83-6	NG-BS40-1G
Tartrazine	1934-21-0	NG-BS31-1G
Tropaeolin O	547-57-9	NG-BS20-1G
Victoria blue B	2580-56-5	NG-BS148-1G

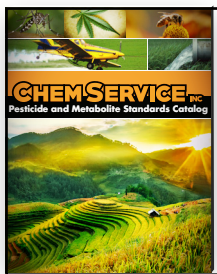


Bisphenols

Bisphenols are chemical compounds that are used in plastics to make a clear and tough product. They are also found in epoxy resins used to line metal food cans. Bisphenol A (known as “BPA” and the most popular of the bisphenols) and Bisphenol S have been shown to be endocrine disruptors. For this reason, many consumers will look for BPA free plastics. In 2013 the US Food & Drug Administration banned the use of BPA in baby bottles and infant formula packaging.

Description	Catalog Number	CAS Number	Matrix	Size
Bisphenol A	N-12907-100MG	80-05-7	Neat	100mg
Bisphenol A Solution	S-12907M1-1ML	80-05-7	100 µg/mL in Methanol	1mL
Bisphenol A (ring 13C12) Solution	S-F7295S-1.2ML	263261-65-0	100 µg/mL in Acetonitrile	1.2mL
Bisphenol AF	N-14098-100MG	1478-61-1	Neat	100mg
Bisphenol AF Solution	S-14098M1-1ML	1478-61-1	100 µg/mL in Methanol	1mL
Bisphenol AP	N-14097-100MG	1571-75-1	Neat	100mg
Bisphenol AP Solution	S-14097M1-1ML	1571-75-1	100 µg/mL in Methanol	1mL
Bisphenol B	N-14099-100MG	77-40-7	Neat	100mg
Bisphenol B Solution	S-14099M1-1ML	77-40-7	100 µg/mL in Methanol	1mL
Bisphenol C	N-14100-100MG	79-97-0	Neat	100mg
Bisphenol C2	N-14101-25MG	14868-03-2	Neat	25mg
Bisphenol C2 Solution	S-14101M1-1ML	14868-03-2	100 µg/mL in Methanol	1mL
Bisphenol E Solution	S-14102M1-1ML	2081-08-5	100 µg/mL in Methanol	1mL
Bisphenol F	N-14103-100MG	620-92-8	Neat	100mg
Bisphenol F Solution	S-14103M1-1ML	620-92-8	100 µg/mL in Methanol	1mL
Bisphenol M Solution	S-14104M1-1ML	13595-25-0	100 µg/mL in Methanol	1mL
Bisphenol P Solution	S-14106M1-1ML	2167-51-3	100 µg/mL in Methanol	1mL
Bisphenol S	N-14105-100MG	80-09-1	Neat	100mg
Bisphenol S Solution	S-14105M1-1ML	80-09-1	100 µg/mL in Methanol	1mL
Bisphenol TMC	N-14107-10MG	129188-99-4	Neat	10mg
Bisphenol TMC Solution	S-14107M1-1ML	129188-99-4	100 µg/mL in Methanol	1mL
Bisphenol Z	N-14108-100MG	843-55-0	Neat	100mg
Bisphenol Z Solution	S-14108M1-1ML	843-55-0	100 µg/mL in Methanol	1g
Tetrabromo bisphenol A	NG-17691-1G	79-94-7	Neat	1g
Tetrabromobisphenol S	NG-17690-1G	39635-79-5	Neat	1g

NEW PESTICIDE AND METABOLITE STANDARDS CATALOG

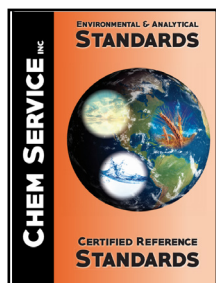


Over 2,000 products

Cannabis Standards,
Neonicotinoids, PBDEs,
Phthalates, Vitamins,
Explosives, and more!



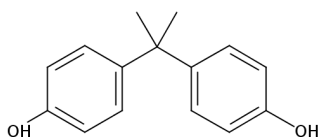
ENVIRONMENTAL & ANALYTICAL STANDARDS CATALOG



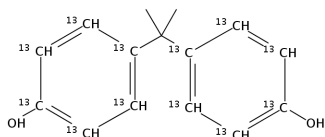
Organics, Inorganics,
PCB's, PBB's, Arochlors,
PBDE's, Phthalates,
Surfactants, Azodyes,
Dyes, Explosives,
Plasticizers, Vitamins,
Carbohydrates,
Oxidizers, and more!



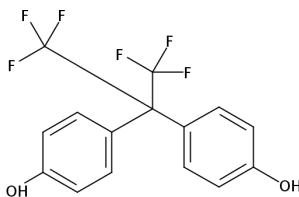
Greyhound
CHROMATOGRAPHY
AND ALLIED CHEMICALS



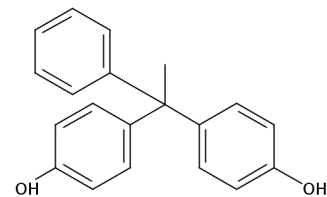
Bisphenol A



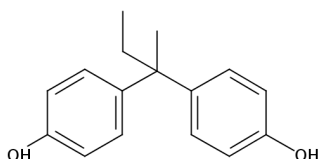
Bisphenol A (ring 13C12)



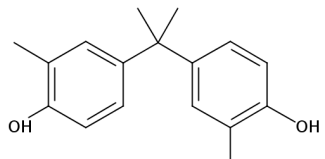
Bisphenol AF



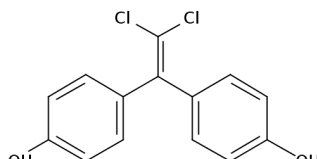
Bisphenol AP



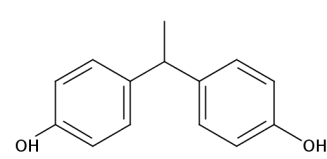
Bisphenol B



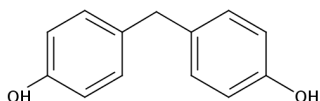
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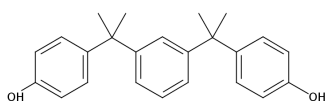
Bisphenol C2



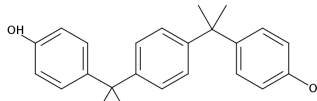
Bisphenol E Solution



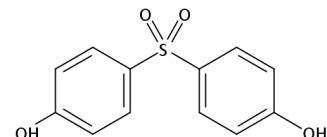
Bisphenol F



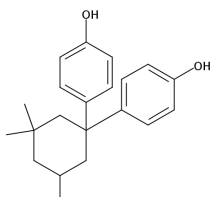
Bisphenol M Solution



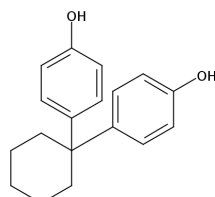
Bisphenol P Solution



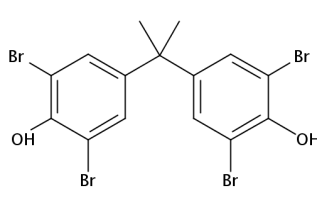
Bisphenol S



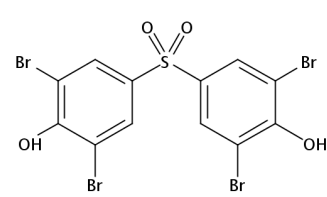
Bisphenol TMC



Bisphenol Z



Tetrabromo bisphenol A



Tetrabromobisphenol S





Colorado Pesticide Standard Mixture 1

M-COPESTMIX1A1-1ML
1000ug/mL in Acetonitrile

Name	CAS Number	Catalog Number
Abamectin	71751-41-2	N-10995-100MG
Azoxystrobin	131860-33-8	N-11113-100MG
Bifenazate	149877-41-8	N-11201-50MG
Etoxazole	153233-91-1	N-11942-50MG
Imazalil	35554-44-0	N-12198-100MG
Imidacloprid	138261-41-3	N-12206-100MG
Malathion	121-75-5	N-12346-100MG
Myclobutanil	88671-89-0	N-13261-100MG
Permethrin	52645-53-1	N-12848-250MG
Spinosad	168316-95-8	N-13222-100MG
Spiromesifen	283594-90-1	N-13224-100MG
Spirotetramat	203313-25-1	N-13225-100MG
Tebuconazole	107534-96-3	N-12006-250MG

Oregon Pesticide Standard Mixture 1

M-ORPESTMIX1A1-1ML 100ug/mL in Acetonitrile

Name	CAS Number	Catalog Number
Abamectin	71751-41-2	N-10995-100MG
Acephate	30560-19-1	N-11002-250MG
Acequinocyl	57960-19-7	N-11003-250MG
Acetamiprid	135410-20-7	N-11009-100MG
Aldicarb	116-06-3	N-11044-100MG
Azoxystrobin	131860-33-8	N-11113-100MG
beta-Cyfluthrin	68359-37-5	N-11191-250MG
Bifenazate	149877-41-8	N-11201-50MG
Bifenthrin	82657-04-3	N-11203-100MG
Boscalid	188425-85-6	N-11328-100MG
Carbaryl	63-25-2	N-11402-250MG
Carbofuran	1563-66-2	N-11405-250MG
Chlorantraniliprole	500008-45-7	N-11422-100MG
Chlorfenapyr	122453-73-0	N-11428-100MG
Chlorpyrifos	2921-88-2	N-11459-250MG
Clofentezine	74115-24-5	N-11490-100MG
Cypermethrin	52315-07-8	N-11545-100MG
Daminozide	1596-84-5	N-11565-250MG
Diazinon	333-41-5	N-11621-250MG
Dichlorvos	62-73-7	N-11675-250MG

Oregon Pesticide Standard Mixture 2

M-ORPESTMIX2A1-1ML 100ug/mL in Acetonitrile

Name	CAS Number	Catalog Number
Dimethoate	60-51-5	N-11758-100MG
Etofenprox	80844-07-1	N-11941-100MG
Prophos	13194-48-4	N-13110-250MG
Etoxazole	153233-91-1	N-11942-50MG
Fenoxycarb	72490-01-8	N-11959-100MG
Fenpyroximate	134098-61-6	N-11962-100MG
Fipronil	120068-37-3	N-11971-100MG
Flonicamid	158062-67-0	N-11976-50MG
Fludioxonil	131341-86-1	N-11985-100MG
Hexythiazox	78587-05-0	N-12184-100MG
Imazalil	35554-44-0	N-12198-100MG
Imidacloprid	138261-41-3	N-12206-100MG
Kresoxim-methyl	143390-89-0	N-12296-250MG
Malathion	121-75-5	N-12346-100MG
Metalaxyl	57837-19-1	N-12380-100MG
Methiocarb	2032-65-7	N-12398-100MG
Methomyl	16752-77-5	N-12399-100MG
Methyl parathion	298-00-0	N-12452-100MG
MGK 264 (TM)	113-48-4	N-12483-250MG
Myclobutanil	88671-89-0	N-13261-100MG

Cannabis STANDARDS

Oregon Pesticide Standard Mixture 3

M-ORPESTMIX3A1-1ML 100ug/mL in Acetonitrile

Name	CAS Number	Catalog Number
Naled	300-76-5	N-12640-250MG
Oxamyl	23135-22-0	N-12735-250MG
Pacllobutrazol	76738-62-0	N-12811-500MG
Permethrin	52645-53-1	N-12848-250MG
Phosmet	732-11-6	N-12207-100MG
Piperonyl butoxide	51-03-6	N-13061-100MG
Prallethrin	23031-36-9	N-13088-10MG
Propoxur	114-26-1	N-11128-250MG
Pyrethrum	8003-34-7	N-13151-100MG
Pyridaben	96489-71-3	N-13152-25MG
Spinosad	168316-95-8	N-13222-100MG
Spiromesifen	283594-90-1	N-13224-100MG
Spirotetramat	203313-25-1	N-13225-100MG
Spiroxamine	118134-30-8	N-13226-100MG
Tebuconazole	107534-96-3	N-12006-250MG
Thiacloprid	111988-49-9	N-13561-100MG
Thiamethoxam	153719-23-4	N-13562-100MG
Trifloxystrobin	141517-21-7	N-13684-100MG

Nevada Pesticide Standard Mixture 1

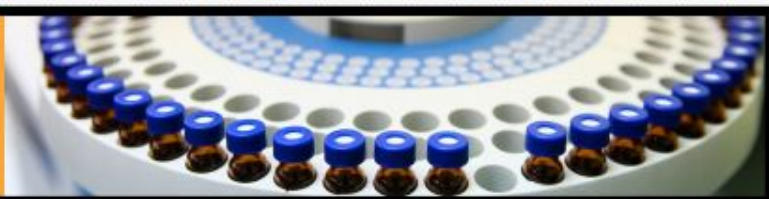
M-NVPESTMIX1A1-1ML

100ug/mL in Acetonitrile

Name	CAS Number	Catalog Number
Abamectin	71751-41-2	N-10995-100MG
Acequinocyl	57960-19-7	N-11003-250MG
Bifenazate	149877-41-8	N-11201-50MG
Bifenthrin	82657-04-3	N-11203-100MG
Captan	133-06-2	N-11400-250MG
beta-Cyfluthrin	68359-37-5	N-11191-250MG
Cypermethrin	52315-07-8	N-11545-100MG
Dimethomorph	110488-70-5	N-11759-100MG
Etoxazole	153233-91-1	N-11942-50MG
Fenhexamid	126833-17-8	N-11954-250MG
Flonicamid	158062-67-0	N-11976-50MG
Fludioxonil	131341-86-1	N-11985-100MG
Imidacloprid	138261-41-3	N-12206-100MG
Myclobutanil	88671-89-0	N-13261-100MG
Pentachloronitrobenzene	82-68-8	N-12830-250MG
Piperonyl butoxide	51-03-6	N-13061-100MG
Pyrethrum	8003-34-7	N-13151-100MG
Spinetoram	187166-40-1	N-13221-100MG
Spinosad	168316-95-8	N-13222-100MG
Spirotetramat	203313-25-1	N-13225-100MG
Thiamethoxam	153719-23-4	N-13562-100MG
Trifloxystrobin	141517-21-7	N-13684-100MG

Certified Analytical Reference Standards and Chemicals in Small Quantities

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Pesticide Standard Mixtures for Cannabis Testing



- California Pesticide Mixtures
- Canadian Pesticide Mixtures
- Colorado Pesticide Mixtures
- Maryland Pesticide Mixtures
- Massachusetts Pesticide Mixtures
- Nevada Pesticide Mixtures
- Oregon Pesticide Mixtures
- Pennsylvania Pesticide Mixtures
- Terpine Mixtures and Residual Solvent Mixtures

Distributed By:



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Web: <https://www.greyhoundchrom.com>



California Pesticide Standard Mixtures for Cannabis Testing

California Pesticide Standard Mixture 1 for Cannabis Testing

Part No. Matrix Price
M-CAPESTMIX1A1-1ML 100 µg/mL in Acetonitrile \$75.00

Component	CAS No.	Part No.
Aldicarb	116-06-3	N-11044
Carbaryl	63-25-2	N-11402
Carbofuran	1563-66-2	N-11405
Fenoxycarb	72490-01-8	N-11959
Imidacloprid	138261-41-3	N-12206
Methiocarb	2032-65-7	N-12398
Methomyl	16752-77-5	N-12399
Oxyamyl	23135-22-0	N-12735
Propoxur	114-26-1	N-11128
Thiacloprid	111988-49-9	N-13561
Thiamethoxam	153719-23-4	N-13562

California Pesticide Standard Mixture 2 for Cannabis Testing

Part No. Matrix Price
M-CAPESTMIX2A1-1ML 100 µg/mL in Acetonitrile \$75.00

Component	CAS No.	Part No.
Captan	133-06-2	N-11400
Chlorantraniliprole	500008-45-7	N-11422
Chlordane	57-74-9	N-11425
Chlorfenapyr	122453-73-0	N-11428
Dichlorvos	62-73-7	N-11675
Fipronil	120068-37-3	N-11971
Fludioxonil	131341-86-1	N-11985
Imazalil	35554-44-0	N-12198
Mevinphos	7786-34-7	N-13037
Naled	300-76-5	N-12640
Pentachloronitrobenzene	82-68-8	N-12830

California Pesticide Standard Mixture 3 for Cannabis Testing

Part No. Matrix Price
M-CAPESTMIX3RA1-1ML 100 µg/mL in Acetonitrile \$75.00

Component	CAS No.	Part No.
Acephate	30560-19-1	N-11002
Chlorpyrifos	2921-88-2	N-11459
Diazinon	333-41-5	N-11621
Dimethoate	60-51-5	N-11758
Etofenprox	80844-07-1	N-11941
Etoxazole	153233-91-1	N-11942
Malathion	121-75-5	N-12346
Methyl parathion	298-00-0	N-12452
Phosmet	732-11-6	N-12207
Prophos	13194-48-4	N-13110
Pyridaben	96489-71-3	N-13152

California Pesticide Standard Mixture 4 for Cannabis Testing

Part No. Matrix Price
M-CAPESTMIX4A1-1ML 100 µg/mL in Acetonitrile \$75.00

Component	CAS No.	Part No.
Bifenazate	149877-41-8	N-11201
Bifenthrin	82657-04-3	N-11203
Coumaphos	56-72-4	N-11507
Cyfluthrin	68359-37-5	N-11130
Cypermethrin	52315-07-8	N-11545
Permethrin	52645-53-1	N-12848
Piperonyl butoxide	51-03-6	N-13061
Prallethrin	23031-36-9	N-13088
Pyrethrum	8003-34-7	N-13151

California Pesticide Standard Mixture 5 for Cannabis Testing

Part No. Matrix Price
M-CAPESTMIX5A1-1ML 100 µg/mL in Acetonitrile \$125.00

Component	CAS No.	Part No.
Abamectin	71751-41-2	N-10995
Acequinocyl	57960-19-7	N-11003
Acetamiprid	135410-20-7	N-11009
Azoxystrobin	131860-33-8	N-11113
Boscalid	188425-85-6	N-11328
Clofentezine	74115-24-5	N-11490
Daminozide	1596-84-5	N-11565
Dimethomorph	110488-70-5	N-11759
Fenhexamid	126833-17-8	N-11954
Fenpyroximate	134098-61-6	N-11962
Fonicamid	158062-67-0	N-11976
Hexythiazox	78587-05-0	N-12184
Kresoxim-methyl	143390-89-0	N-12296
Metalaxyl	57837-19-1	N-12380
Myclobutanil	88671-89-0	N-13261
Paclobotrazol	76738-62-0	N-12811
Propiconazole	60207-90-1	N-13576
Spinetoram	187166-40-1	N-13221
Spinosad	168316-95-8	N-13222
Spiromesifen	283594-90-1	N-13224
Spirotetramat	203313-25-1	N-13225
Spiroxamine	118134-30-8	N-13226
Tebuconazole	107534-96-3	N-12006
Trifloxystrobin	141517-21-7	N-13684



California Pesticides for Cannabis Kit - 5 Mixtures

Part No. K-CAPESTMIX-KIT Price \$340.00

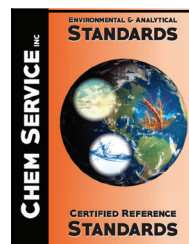
Description	Part No.	Size
California Pesticide Standard Mixture 1 for Cannabis Testing	M-CAPESTMIX1A1	1ML
California Pesticide Standard Mixture 2 for Cannabis Testing	M-CAPESTMIX2A1	1ML
California Pesticide Standard Mixture 3 for Cannabis Testing	M-CAPESTMIX3RA1	1ML
California Pesticide Standard Mixture 4 for Cannabis Testing	M-CAPESTMIX4A1	1ML
California Pesticide Standard Mixture 5 for Cannabis Testing	M-CAPESTMIX5A1	1ML

California Residual Solvent Mixture 1

Part No. M-CARSMIX1AQ99-1ML Matrix Varied Concentration in N,N-Dimethylacetamide Price \$200.00

Component	CAS No.	Part No.	Concentration
1,2-Dichloroethane	107-06-2	N-10154	60 µg/mL
Acetone	67-64-1	N-11014	28,000 µg/mL
Acetonitrile	75-05-8	N-11018	4,920 µg/mL
Benzene	71-43-2	N-11149	24 µg/mL
Chloroform	67-66-3	N-11447	720 µg/mL
Ethyl acetate	141-78-6	N-11881	28,000 µg/mL
Ethyl alcohol	64-17-5	N-11885	28,000 µg/mL
Ethyl ether	60-29-7	N-11897	28,000 µg/mL
Isopropyl alcohol	67-63-0	N-12267	28,000 µg/mL
m-Xylene	108-38-3	N-12345	26,040 µg/mL
Methanol	67-56-1	N-12395	36,000 µg/mL
Methylene chloride	75-09-2	N-12471	7,200 µg/mL
N,N-Dimethylacetamide	127-19-5	N-12625	937,000 µg/mL
n-Heptane	142-82-5	N-12543	28,000 µg/mL
n-Hexane	110-54-3	N-12550	3,480 µg/mL
n-Pentane	109-66-0	N-12591	28,000 µg/mL
o-Xylene	95-47-6	N-12699	26,040 µg/mL
p-Xylene	106-42-3	N-12806	26,040 µg/mL
Toluene	108-88-3	N-13580	10,680 µg/mL
Trichloroethene	79-01-6	N-13654	960 µg/mL

ENVIRONMENTAL & ANALYTICAL STANDARDS CATALOG



PESTICIDE AND METABOLITE STANDARDS CATALOG



Canadian Pesticide Standard Mixtures

Canadian Cannabis Pesticide Mixture 1

Part No. M-CNDKAN1RA1-1ML Matrix 100 µg/mL in Acetonitrile Price \$100.00

Component	CAS No.	Part No.
Aldicarb	116-06-3	N-11044
Carbaryl	63-25-2	N-11402
Carbofuran	1563-66-2	N-11405
Dimethomorph	110488-70-5	N-11759
Fenoxycarb	72490-01-8	N-11959
Imazalil	35554-44-0	N-12198
Imidacloprid	138261-41-3	N-12206
Iprodione	36734-19-7	N-12220
Methiocarb	2032-65-7	N-12398
Methomyl	16752-77-5	N-12399
Novaluron	116714-46-6	N-12670
Oxyamyl	23135-22-0	N-12735
Pirimicarb	23103-98-2	N-13062
Propoxur	114-26-1	N-11128
Thiacloprid	111988-49-9	N-13561

Canadian Cannabis Pesticide Mixture 2

Part No. M-CNDKAN2A1-1ML Matrix 100 µg/mL in Acetonitrile Price \$100.00

Component	CAS No.	Part No.
Allethrin	584-79-2	N-11051
Bifenthrin	82657-04-3	N-11203
Cyfluthrin	68359-37-5	N-11130
Cypermethrin	52315-07-8	N-11545
Deltamethrin	52918-63-5	N-11579
Fenvalerate	51630-58-1	N-13201
Kinoprene	42588-37-4	N-12295
Methoprene	40596-69-8	N-12400
MGK 264 (TM)	113-48-4	N-12483
Permethrin	52645-53-1	N-12848
d-(cis-trans)-Phenothrin	26002-80-2	N-11554
Piperonyl butoxide	51-03-6	N-13061
Prallethrin	23031-36-9	N-13088
Pyrethrum	8003-34-7	N-13151
Resmethrin	10453-86-8	N-13176
Tetramethrin	7696-12-0	N-13552

Canadian Cannabis Pesticide Mixture 3

Part No. M-CNDKAN3A1-1ML Matrix 100 µg/mL in Acetonitrile Price \$75.00

Component	CAS No.	Part No.
a-Endosulfan	959-98-8	N-10979
b-Endosulfan	33213-65-9	N-11118
Benzovindiflupyr	1072957-71-1	N-14010
Endosulfan sulfate	1031-07-8	N-11851
Fipronil	120068-37-3	N-11971
Pentachloronitrobenzene	82-68-8	N-12830
Trifloxystrobin	141517-21-7	N-13684



Canadian Cannabis Pesticide Mixture 4

Part No. M-CNDKAN4A1-1ML Matrix 100 µg/mL in Acetonitrile Price \$125.00

Component	CAS No.	Part No.
Acephate	30560-19-1	N-11002
Chlorpyrifos	2921-88-2	N-11459
Coumaphos	56-72-4	N-11507
Diazinon	333-41-5	N-11621
Dichlorvos	62-73-7	N-11675
Dimethoate	60-51-5	N-11758
Etofenprox	80844-07-1	N-11941
Etoxazole	153233-91-1	N-11942
Etridiazole	2593-15-9	N-13517
Fensulfothion	115-90-2	N-11963
Fenthion	55-38-9	N-11964
Malathion	121-75-5	N-12346
Methyl parathion	298-00-0	N-12452
Mevinphos	7786-34-7	N-13037
Naled	300-76-5	N-12640
Phosmet	732-11-6	N-12207
Prophos	13194-48-4	N-13110
Spiroxamine	118134-30-8	N-13226
Tetrachlorvinphos	22248-79-9	N-13537
Thiophanate-methyl	23564-05-8	N-13572

Canadian Cannabis Pesticide Mixture 5

Part No. M-CNDKAN5A1-1ML Matrix 100 µg/mL in Acetonitrile Price \$125.00

Component	CAS No.	Part No.
Acetamiprid	135410-20-7	N-11009
Acequinocyl	57960-19-7	N-11003
Azoxystrobin	131860-33-8	N-11113
Bifenazate	149877-41-8	N-11201
Boscalid	188425-85-6	N-11328
Buprofezin	69327-76-0	N-11350
Chlorantraniliprole	500008-45-7	N-11422
Chlorfenapyr	122453-73-0	N-11428
Clofentezine	74115-24-5	N-11490
Clothianidin	210880-92-5	N-11493
Cyantraniliprole	736994-63-1	N-12886
Cyprodinil	121552-61-2	N-11548
Dinotefuran	165252-70-0	N-11788
Fenpyroximate	134098-61-6	N-11962
Fonicamid	158062-67-0	N-11976
Fludioxonil	131341-86-1	N-11985
Fluopyram	658066-35-4	N-13988
Hexythiazox	78587-05-0	N-12184
Myclobutanil	88671-89-0	N-13261
Paclbutrazol	76738-62-0	N-12811
Propiconazole	60207-90-1	N-13576
Pyraclostrobin	175013-18-0	N-13143
Tebuconazole	107534-96-3	N-12006
Tebufenozide	112410-23-8	N-13501
Teflubenzuron	83121-18-0	N-13506
Thiamethoxam	153719-23-4	N-13562

Canadian Cannabis Pesticide Mixture 6

Part No. Matrix Price
M-CNDCAN6A1-1ML 100 µg/mL in Acetonitrile \$75.00

Component	CAS Number	Part No.
Abamectin	71751-41-2	N-10995
Daminozide	1596-84-5	N-11565
Dodemorph	1593-77-7	N-11839
Kresoxim-methyl	143390-89-0	N-12296
Metalaxyl	57837-19-1	N-12380
Pyridaben	96489-71-3	N-13152
Spinetoram	187166-40-1	N-13221
Spinosad	168316-95-8	N-13222
Spirodiclofen	148477-71-8	N-13223
Spiromesifen	283594-90-1	N-13224
Spirotetramat	203313-25-1	N-13225

Canadian Cannabis Pesticide Mixture Kit - 6 Mixtures

Part No. Price
K-CNDCANMIX-KIT \$480.00

Description	Part No.
Canadian Cannabis Pesticide Mixture 1 (Revised)	M-CNDCAN1RA1-1ML
Canadian Cannabis Pesticide Mixture 2	M-CNDCAN2A1-1ML
Canadian Cannabis Pesticide Mixture 3	M-CNDCAN3A1-1ML
Canadian Cannabis Pesticide Mixture 4	M-CNDCAN4A1-1ML
Canadian Cannabis Pesticide Mixture 5	M-CNDCAN5A1-1ML
Canadian Cannabis Pesticide Mixture 6	M-CNDCAN6A1-1ML

Residual Solvent Mix 1

Part No. Matrix Price
M-CANRSMIX1AQ4-1ML 1,000 µg/mL in N,N-Dimethylacetamide \$80.00

Component	CAS Number	Part No.
Acetone	67-64-1	N-11014
Acetonitrile	75-05-8	N-11018
Benzene	71-43-2	N-11149
Carbon tetrachloride	56-23-5	N-11407
Chloroform	67-66-3	N-11447
Ethyl alcohol	64-17-5	N-11885
Isopropyl alcohol	67-63-0	N-12267
m-Xylene	108-38-3	N-12345
Methanol	67-56-1	N-12395
n-Heptane	142-82-5	N-12543
n-Hexane	110-54-3	N-12550
n-Pentane	109-66-0	N-12591
o-Xylene	95-47-6	N-12699
p-Xylene	106-42-3	N-12806
Tetrahydrofuran	109-99-9	N-13545
Toluene	108-88-3	N-13580

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Colorado Pesticide Standard Mix for Cannabis Testing (13 components)



Part No.	Matrix	Price
M-COPESTMIX1A1-1ML	100 ug/mL in Acetonitrile	\$150.00
Component	CAS No.	Part No.
Abamectin	71751-41-2	N-10995
Azoxystrobin	131860-33-8	N-11113
Bifenazate	149877-41-8	N-11201
Etoxazole	153233-91-1	N-11942
Imazalil	35554-44-0	N-12198
Imidacloprid	138261-41-3	N-12206
Malathion	121-75-5	N-12346
Myclobutanil	88671-89-0	N-13261
Permethrin	52645-53-1	N-12848
Spinosad	168316-95-8	N-13222
Spiromesifen	283594-90-1	N-13224
Spirotetramat	203313-25-1	N-13225
Tebuconazole	107534-96-3	N-12006



Maryland Pesticide Standard Mixtures for Cannabis Testing (48 components)

Maryland Pesticide Standard Mix 1 for Cannabis Testing

Part No.	Matrix	Price
M-MDPESTMIX1A1-1ML	100 µg/mL in Acetonitrile	\$75.00
Component	CAS No.	Part No.
Aldicarb	116-06-3	N-11044
Carbaryl	63-25-2	N-11402
Carbofuran	1563-66-2	N-11405
Imidacloprid	138261-41-3	N-12206
Methiocarb	2032-65-7	N-12398
Methomyl	16752-77-5	N-12399
Oxyamyl	23135-22-0	N-12735
Thiacloprid	111988-49-9	N-13561
Thiamethoxam	153719-23-4	N-13562

Maryland Pesticide Standard Mix 2 for Cannabis Testing

Part No.	Matrix	Price
M-MDPESTMIX2A1-1ML	100 µg/mL in Acetonitrile	\$75.00
Component	CAS No.	Part No.
Chlorantraniliprole	500008-45-7	N-11422
Dichlorvos	62-73-7	N-11675
Fipronil	120068-37-3	N-11971
Fludioxonil	131341-86-1	N-11985
Imazalil	35554-44-0	N-12198
Naled	300-76-5	N-12640

Maryland Pesticide Standard Mix 3 for Cannabis Testing

Part No.	Matrix	Price
M-MDPESTMIX3A1-1ML	100 µg/mL in Acetonitrile	\$75.00
Component	CAS No.	Part No.
(2-Chloroethyl)phosphonic acid	16672-87-0	N-10002
Chlorpyrifos	2921-88-2	N-11459
Dimethoate	60-51-5	N-11758
Diazinon	333-41-5	N-11621
Etoxazole	153233-91-1	N-11942
Phosmet	732-11-6	N-12207
Malathion	121-75-5	N-12346

Maryland Pesticide Standard Mix 4 for Cannabis Testing

Part No.	Matrix	Price
M-MDPESTMIX4A1-1ML	100 µg/mL in Acetonitrile	\$75.00
Component	CAS No.	Part No.
Bifenazate	149877-41-8	N-11201
Bifenthrin	82657-04-3	N-11203
Cyfluthrin	68359-37-5	N-11130
Permethrin	52645-53-1	N-12848
Piperonyl butoxide	51-03-6	N-13061
Pyrethrum	8003-34-7	N-13151

Maryland Pesticide Standard Mix 5 for Cannabis Testing

Part No.	Matrix	Price
M-MDPESTMIX5A1-1ML	100 µg/mL in Acetonitrile	\$125.00
Component	CAS No.	Part No.
Abamectin	71751-41-2	N-10995
Acetamiprid	135410-20-7	N-11009
Ancymidol	12771-68-5	N-11073
Azoxystrobin	131860-33-8	N-11113
Boscalid	188425-85-6	N-11328
Clofentezine	74115-24-5	N-11490
Daminozide	1596-84-5	N-11565
Fenpyroximate	134098-61-6	N-11962
Fonicamid	158062-67-0	N-11976
Flurprimidol	56425-91-3	N-12002
Hexythiazox	78587-05-0	N-12184
Kresoxim-methyl	143390-89-0	N-12296
Metalaxyl	57837-19-1	N-12380
Myclobutanil	88671-89-0	N-13261
Paclobutrazol	76738-62-0	N-12811
Propiconazole	60207-90-1	N-13576
Spinosad	168316-95-8	N-13222
Spiromesifen	283594-90-1	N-13224
Spirotetramat	203313-25-1	N-13225
Trifloxystrobin	141517-21-7	N-13684



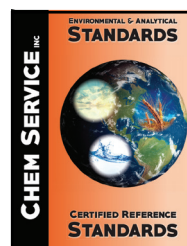
Maryland Pesticide Standards for Cannabis Kit - 5 Mixes

Part No.
K-MDPESTMIX-KIT

Price
\$340.00

Description	Part No.	Size
Maryland Pesticide Standard Mix 1 for Cannabis Testing	M-MDPESTMIX1A1	1mL
Maryland Pesticide Standard Mix 2 for Cannabis Testing	M-MDPESTMIX2A1	1mL
Maryland Pesticide Standard Mix 3 for Cannabis Testing	M-MDPESTMIX3A1	1mL
Maryland Pesticide Standard Mix 4 for Cannabis Testing	M-MDPESTMIX4A1	1mL
Maryland Pesticide Standard Mix 5 for Cannabis Testing	M-MDPESTMIX5A1	1mL

ENVIRONMENTAL & ANALYTICAL STANDARDS CATALOG



PESTICIDE AND METABOLITE STANDARDS CATALOG



Massachusetts Pesticide Standard Mix for Cannabis Testing



Part No.	Matrix	Price
M-MAPESTMIX1A1-1ML	100 ug/mL in Acetonitrile	\$100.00
Component	CAS Number	Part No.
Bifenazate	149877-41-8	N-11201
Bifenthrin	82657-04-3	N-11203
Cyfluthrin	68359-37-5	N-11130
Etoxazole	153233-91-1	N-11942
Imazalil	35554-44-0	N-12198
Imidacloprid	138261-41-3	N-12206
Myclobutanil	88671-89-0	N-13261
Spiromesifen	283594-90-1	N-13224
Trifloxystrobin	141517-21-7	N-13684

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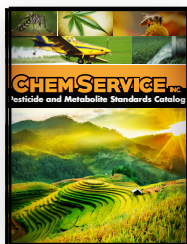
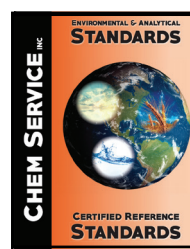
Nevada Pesticide Standard Mix for Cannabis Testing



Part No. M-NVPESTMIX1A1-1ML Matrix 100 ug/mL in Acetonitrile Price \$140.00

Component	CAS No.	Part No.
Abamectin	71751-41-2	N-10995
Acequinocyl	57960-19-7	N-11003
beta-Cyfluthrin	1820573-27-0	N-11191
Bifenazate	149877-41-8	N-11201
Bifenthrin	82657-04-3	N-11203
Captan	133-06-2	N-11400
Cypermethrin	52315-07-8	N-11545
Daminozide	1596-84-5	N-11565
Dimethomorph	110488-70-5	N-11759
Etoxazole	153233-91-1	N-11942
Fenhexamid	126833-17-8	N-11954
Flonicamid	158062-67-0	N-11976
Fludioxonil	131341-86-1	N-11985
Imidacloprid	138261-41-3	N-12206
Myclobutanil	88671-89-0	N-13261
Paclobutrazol	76738-62-0	N-12811
Pentachloronitrobenzene	82-68-8	N-12830
Piperonyl butoxide	51-03-6	N-13061
Pyrethrum	8003-34-7	N-13151
Spinetoram	187166-40-1	N-13221
Spinosad	168316-95-8	N-13222
Spirotetramat	203313-25-1	N-13225
Thiamethoxam	153719-23-4	N-13562
Trifloxystrobin	141517-21-7	N-13684

ENVIRONMENTAL & ANALYTICAL STANDARDS CATALOG



PESTICIDE AND METABOLITE STANDARDS CATALOG

Distributed By:



Greyhound Chromatography and Allied Chemicals
6 Kelvin Park
Birkenhead
Merseyside, CH41 1LT

Tel: 0151 649 4000 Fax: 0151 649 4001
Email: info@greyhoundchrom.com
Web: <https://www.greyhoundchrom.com>



Oregon Pesticide Standard Mixtures

Oregon Pesticide Standard Mixture 1

Part No. Matrix Price
M-ORPESTMIX1A1-1ML 100 µg/mL in Acetonitrile \$100.00

Component	CAS Number	Part No.
Abamectin	71751-41-2	N-10995
Acephate	30560-19-1	N-11002
Acequinocyl	57960-19-7	N-11003
Acetamiprid	135410-20-7	N-11009
Aldicarb	116-06-3	N-11044
Azoxystrobin	131860-33-8	N-11113
beta-Cyfluthrin	68359-37-5	N-11191
Bifenazate	149877-41-8	N-11201
Bifenthrin	82657-04-3	N-11203
Boscalid	188425-85-6	N-11328
Carbaryl	63-25-2	N-11402
Carbofuran	1563-66-2	N-11405
Chlorantraniliprole	500008-45-7	N-11422
Chlorfenapyr	122453-73-0	N-11428
Chlorpyrifos	2921-88-2	N-11459
Clofentezine	74115-24-5	N-11490
Cypermethrin	52315-07-8	N-11545
Daminozide	1596-84-5	N-11565
Diazinon	333-41-5	N-11621
Dichlorvos	62-73-7	N-11675

Oregon Pesticide Standard Mixture 2

Part No. Matrix Price
M-ORPESTMIX2A1-1ML 100 µg/mL in Acetonitrile \$140.00

Component	CAS Number	Part No.
Dimethoate	60-51-5	N-11758
Etofenprox	80844-07-1	N-11941
Prophos	13194-48-4	N-13110
Etoxazole	153233-91-1	N-11942
Fenoxycarb	72490-01-8	N-11959
Fenpyroximate	134098-61-6	N-11962
Fipronil	120068-37-3	N-11971
Fonicamid	158062-67-0	N-11976
Fludioxonil	131341-86-1	N-11985
Hexythiazox	78587-05-0	N-12184
Imazalil	35554-44-0	N-12198
Imidacloprid	138261-41-3	N-12206
Kresoxim-methyl	143390-89-0	N-12296
Malathion	121-75-5	N-12346
Metalaxyl	57837-19-1	N-12380
Methiocarb	2032-65-7	N-12398
Methomyl	16752-77-5	N-12399
Methyl parathion	298-00-0	N-12452
MGK 264 (TM)	113-48-4	N-12483
Myclobutanil	88671-89-0	N-13261

Oregon Pesticide Standard Mixture 3

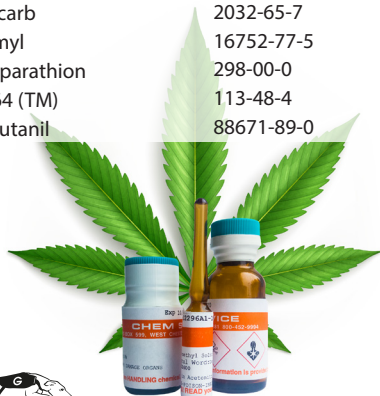
Part No. Matrix Price
M-ORPESTMIX3A1-1ML 100 µg/mL in Acetonitrile \$140.00

Component	CAS Number	Part No.
Naled	300-76-5	N-12640
Oxyamyl	23135-22-0	N-12735
Paclobutrazol	76738-62-0	N-12811
Permethrin	52645-53-1	N-12848
Phosmet	732-11-6	N-12207
Piperonyl butoxide	51-03-6	N-13061
Prallethrin	23031-36-9	N-13088
Propiconazole	60207-90-1	N-13576
Propoxur	114-26-1	N-11128
Pyrethrum	8003-34-7	N-13151
Pyridaben	96489-71-3	N-13152
Spinosad	168316-95-8	N-13222
Spiromesifen	283594-90-1	N-13224
Spirotetramat	203313-25-1	N-13225
Spiroxamine	118134-30-8	N-13226
Tebuconazole	107534-96-3	N-12006
Thiacloprid	111988-49-9	N-13561
Thiamethoxam	153719-23-4	N-13562
Trifloxystrobin	141517-21-7	N-13684

Oregon Residual Solvent Mixture 1

Part No. Matrix Price
M-ORRSMIX1AQ99-1ML Varied Concentration in N,N-Dimethylacetamide \$200.00

Component	CAS No.	Part No.	Concentration
sec-Butyl alcohol	78-92-2	N-13204	28,000 µg/mL
2-Ethoxyethanol	110-80-5	N-10338	1,920 µg/mL
Isopropyl alcohol	67-63-0	N-12267	28,000 µg/mL
Acetone	67-64-1	N-11014	28,000 µg/mL
Acetonitrile	75-05-8	N-11018	4,920 µg/mL
Benzene	71-43-2	N-11149	24 µg/mL
Isopropylbenzene	98-82-8	N-12276	840 µg/mL
Cyclohexane	110-82-7	N-11526	49,560 µg/mL
Methylene chloride	75-09-2	N-12471	7,200 µg/mL
Ethyl alcohol	64-17-5	N-11885	28,000 µg/mL
Ethyl acetate	141-78-6	N-11881	28,000 µg/mL
Ethyl ether	60-29-7	N-11897	28,000 µg/mL
Ethylene glycol	107-21-1	N-11928	7,440 µg/mL
n-Heptane	142-82-5	N-12543	28,000 µg/mL
n-Hexane	110-54-3	N-12550	3,480 µg/mL
2-Methylpentane	107-83-5	N-10428	3,480 µg/mL
3-Methylpentane	96-14-0	N-10753	3,480 µg/mL
Neohexane	75-83-2	N-12648	3,480 µg/mL
Diisopropane	79-29-8	N-11745	3,480 µg/mL
Isopropyl acetate	108-21-4	N-12223	28,000 µg/mL
Methanol	67-56-1	N-12395	20,000 µg/mL
n-Pentane	109-66-0	N-12591	28,000 µg/mL
2-Methylbutane	78-78-4	N-10421	28,000 µg/mL
Tetrahydrofuran	109-99-9	N-13545	8,640 µg/mL
Toluene	108-88-3	N-13580	10,680 µg/mL
o-Xylene	95-47-6	N-12699	26,040 µg/mL
m-Xylene	108-38-3	N-12345	26,040 µg/mL
p-Xylene	106-42-3	N-12806	26,040 µg/mL
Ethylbenzene	100-41-4	N-11922	26,040 µg/mL



Oregon Pesticide Stds Cannabis Testing Kit 1

20 Components

Part No. Price
K-ORPESTKIT1-KIT \$1,050.00

Component	CAS Number	Part No.	Size
Abamectin	71751-41-2	N-10995-100MG	100mg
Acephate	30560-19-1	N-11002-250MG	250mg
Acequinocyl	57960-19-7	N-11003-250MG	250mg
Acetamiprid	135410-20-7	N-11009-100MG	100mg
Aldicarb	116-06-3	N-11044-100MG	100mg
Azoxystrobin	131860-33-8	N-11113-100MG	100mg
beta-Cyfluthrin	68359-37-5	N-11191-250MG	250mg
Bifenazate	149877-41-8	N-11201-50MG	50mg
Bifenthrin	82657-04-3	N-11203-100MG	100mg
Boscalid	188425-85-6	N-11328-100MG	100mg
Carbaryl	63-25-2	N-11402-250MG	250mg
Carbofuran	1563-66-2	N-11405-250MG	250mg
Chlorantraniliprole	500008-45-7	N-11422-100MG	100mg
Chlorfenapyr	122453-73-0	N-11428-100MG	100mg
Chlorpyrifos	2921-88-2	N-11459-250MG	250mg
Clofentezine	74115-24-5	N-11490-100MG	100mg
Cypermethrin	52315-07-8	N-11545-100MG	100mg
Daminozide	1596-84-5	N-11565-250MG	250mg
Diazinon	333-41-5	N-11621-250MG	250mg
Dichlorvos	62-73-7	N-11675-250MG	250mg

Oregon Pesticide Stds Cannabis Testing Kit 2

20 Components

Part No. Price
K-ORPESTKIT2-KIT \$1,370.00

Component	CAS Number	Part No.	Size
Dimethoate	60-51-5	N-11758-100MG	100mg
Etofenprox	80844-07-1	N-11941-100MG	100mg
Prophos	13194-48-4	N-13110-250MG	250mg
Etoxazole	153233-91-1	N-11942-50MG	50mg
Fenoxycarb	72490-01-8	N-11959-100MG	100mg
Fenpyroximate	134098-61-6	N-11962-100MG	100mg
Fipronil	120068-37-3	N-11971-100MG	100mg
Flonicamid	158062-67-0	N-11976-50MG	50mg
Fludioxonil	131341-86-1	N-11985-100MG	100mg
Hexythiazox	78587-05-0	N-12184-100MG	100mg
Imazalil	35554-44-0	N-12198-100MG	100mg
Imidacloprid	138261-41-3	N-12206-100MG	100mg
Kresoxim-methyl	143390-89-0	N-12296-100MG	100mg
Malathion	121-75-5	N-12346-100MG	100mg
Metalaxyl	57837-19-1	N-12380-100MG	100mg
Methiocarb	2032-65-7	N-12398-100MG	100mg
Methomyl	16752-77-5	N-12399-100MG	100mg
Methyl parathion	298-00-0	N-12452-100MG	100mg
MGK 264 (TM)	113-48-4	N-12483-250MG	250mg
Myclobutanil	88671-89-0	N-13261-100MG	100mg

Oregon Pesticide Stds Cannabis Testing Kit 3

19 Components

Part No. Price
K-ORPESTKIT3-KIT \$1,290.00

Component	CAS Number	Part No.	Size
Naled	300-76-5	N-12640-250MG	250mg
Oxyamyl	23135-22-0	N-12735-100MG	100mg
Paclobutrazol	76738-62-0	N-12811-500MG	500mg
Permethrin	52645-53-1	N-12848-250MG	250mg
Phosmet	732-11-6	N-12207-100MG	100mg
Piperonyl butoxide	51-03-6	N-13061-100MG	100mg
Prallethrin	23031-36-9	N-13088-10MG	10mg
Propiconazole	60207-90-1	N-13576-250MG	250mg
Propoxur	114-26-1	N-11128-250MG	250mg
Pyrethrum	8003-34-7	N-13151-100MG	100mg
Pyridaben	96489-71-3	N-13152-25MG	25mg
Spinosad	168316-95-8	N-13222-100MG	100mg
Spiromesifen	283594-90-1	N-13224-100MG	100mg
Spirotetramat	203313-25-1	N-13225-100MG	100mg
Spiroxamine	118134-30-8	N-13226-100MG	100mg
Tebuconazole	107534-96-3	N-12006-250MG	250mg
Thiacloprid	111988-49-9	N-13561-100MG	100mg
Thiamethoxam	153719-23-4	N-13562-100MG	100mg
Trifloxystrobin	141517-21-7	N-13684-100MG	100mg

Oregon Pesticides for Cannabis Testing Kit

3 Mixtures

Part No. Price
K-ORPESTCANMIX-KIT \$336.00

Name	Part No.	Size
Oregon Pesticide Standard Mixture 1 for Cannabis Testing	M-ORPESTMIX1A1	1mL
Oregon Pesticide Standard Mixture 2 for Cannabis Testing	M-ORPESTMIX2A1	1mL
Oregon Pesticide Standard Mixture 3 for Cannabis Testing	M-ORPESTMIX3A1	1mL

Oregon Pesticide Stds Cannabis Testing Kit

59 Components

Part No. Price
K-ORCANPEST1-KIT \$3,70.00

Component	CAS Number	Part No.	Size
Abamectin	71751-41-2	N-10995-100MG	100mg
Acephate	30560-19-1	N-11002-250MG	250mg
Acequinocyl	57960-19-7	N-11003-250MG	250mg
Acetamiprid	135410-20-7	N-11009-100MG	100mg
Aldicarb	116-06-3	N-11044-100MG	100mg
Azoxystrobin	131860-33-8	N-11113-100MG	100mg
beta-Cyfluthrin	68359-37-5	N-11191-250MG	250mg
Bifenazate	149877-41-8	N-11201-50MG	50mg
Bifenthrin	82657-04-3	N-11203-100MG	100mg
Boscalid	188425-85-6	N-11328-100MG	100mg
Carbaryl	63-25-2	N-11402-250MG	250mg
Carbofuran	1563-66-2	N-11405-250MG	250mg
Chlorantraniliprole	500008-45-7	N-11422-100MG	100mg
Chlorfenapyr	122453-73-0	N-11428-100MG	100mg
Chlorpyrifos	2921-88-2	N-11459-250MG	250mg
Clofentezine	74115-24-5	N-11490-100MG	100mg
Cypermethrin	52315-07-8	N-11545-100MG	100mg
Daminozide	1596-84-5	N-11565-250MG	250mg
Diazinon	333-41-5	N-11621-250MG	250mg
Dichlorvos	62-73-7	N-11675-250MG	250mg
Dimethoate	60-51-5	N-11758-100MG	100mg
Etofenprox	80844-07-1	N-11941-100MG	100mg
Prophos	13194-48-4	N-13110-250MG	250mg
Etoxazole	153233-91-1	N-11942-50MG	50mg
Fenoxycarb	72490-01-8	N-11959-100MG	100mg
Fenpyroximate	134098-61-6	N-11962-100MG	100mg
Fipronil	120068-37-3	N-11971-100MG	100mg
Flonicamid	158062-67-0	N-11976-50MG	50mg
Fludioxonil	131341-86-1	N-11985-100MG	100mg
Hexythiazox	78587-05-0	N-12184-100MG	100mg
Imazalil	35554-44-0	N-12198-100MG	100mg
Imidacloprid	138261-41-3	N-12206-100MG	100mg
Kresoxim-methyl	143390-89-0	N-12296-250MG	250mg
Malathion	121-75-5	N-12346-100MG	100mg
Metalaxyl	57837-19-1	N-12380-100MG	100mg
Methiocarb	2032-65-7	N-12398-100MG	100mg
Methomyl	16752-77-5	N-12399-100MG	100mg
Methyl parathion	298-00-0	N-12452-100MG	100mg
MGK 264 (TM)	113-48-4	N-12483-250MG	250mg
Myclobutanil	88671-89-0	N-13261-100MG	100mg
Naled	300-76-5	N-12640-250MG	250mg
Oxyamyl	23135-22-0	N-12735-100MG	100mg
Paclobutrazol	76738-62-0	N-12811-500MG	500mg
Permethrin	52645-53-1	N-12848-250MG	250mg
Phosmet	732-11-6	N-12207-100MG	100mg
Piperonyl butoxide	51-03-6	N-13061-100MG	100mg
Prallethrin	23031-36-9	N-13088-10MG	10mg
Propiconazole	60207-90-1	N-13576-250MG	250mg
Propoxur	114-26-1	N-11128-250MG	250mg
Pyrethrum	8003-34-7	N-13151-100MG	100mg
Pyridaben	96489-71-3	N-13152-25MG	25mg
Spinosad	168316-95-8	N-13222-100MG	100mg
Spiromesifen	283594-90-1	N-13224-100MG	100mg
Spirotetramat	203313-25-1	N-13225-100MG	100mg
Spiroxamine	118134-30-8	N-13226-100MG	100mg
Tebuconazole	107534-96-3	N-12006-250MG	250mg
Thiacloprid	111988-49-9	N-13561-100MG	100mg
Thiamethoxam	153719-23-4	N-13562-100MG	100mg
Trifloxystrobin	141517-21-7	N-13684-100MG	100mg



Pennsylvania Pesticide Standard Mixtures (61 Components)

Pennsylvania Pesticide Standard Mix 1 for Cannabis Testing

Part No. M-PAPESTMIX1A1-1ML Matrix 100 µg/mL in Acetonitrile Price \$75.00

Component	CAS No.	Part No.
Aldicarb	116-06-3	N-11044
Carbaryl	63-25-2	N-11402
Carbofuran	1563-66-2	N-11405
Fenoxycarb	72490-01-8	N-11959
Imidacloprid	138261-41-3	N-12206
Methiocarb	2032-65-7	N-12398
Methomyl	16752-77-5	N-12399
Oxyamyl	23135-22-0	N-12735
Propoxur	114-26-1	N-11128
Thiacloprid	111988-49-9	N-13561
Thiamethoxam	153719-23-4	N-13562

Pennsylvania Pesticide Standard Mix 2 for Cannabis Testing

Part No. M-PAPESTMIX2A1-1ML Matrix 100 µg/mL in Acetonitrile Price \$75.00

Component	CAS No.	Part No.
Captan	133-06-2	N-11400
Chlorantraniliprole	500008-45-7	N-11422
Chlorfenapyr	122453-73-0	N-11428
Dichlorvos	62-73-7	N-11675
Fipronil	120068-37-3	N-11971
Fludioxonil	131341-86-1	N-11985
Imazalil	35554-44-0	N-12198
Naled	300-76-5	N-12640

Pennsylvania Pesticide Standard Mix 3 for Cannabis Testing

Part No. M-PAPESTMIX3A1-1ML Matrix 100 µg/mL in Acetonitrile Price \$75.00

Component	CAS No.	Part No.
Acephate	30560-19-1	N-11002
Chlorpyrifos	2921-88-2	N-11459
Diazinon	333-41-5	N-11621
Dimethoate	60-51-5	N-11758
Etofenprox	80844-07-1	N-11941
Etoxazole	153233-91-1	N-11942
Malathion	121-75-5	N-12346
Methyl parathion	298-00-0	N-12452
Phosmet	732-11-6	N-12207
Prophos	13194-48-4	N-13110
Pyridaben	96489-71-3	N-13152



Pennsylvania Pesticide Standard Mix 4 for Cannabis Testing

Part No. M-PAPESTMIX4A1-1ML Matrix 100 µg/mL in Acetonitrile Price \$75.00

Component	CAS No.	Part No.
Bifenazate	149877-41-8	N-11201
Bifenthrin	82657-04-3	N-11203
Cyfluthrin	68359-37-5	N-11130
Cypermethrin	52315-07-8	N-11545
MGK 264 (TM)	113-48-4	N-12483
Permethrin	52645-53-1	N-12848
Piperonylbutoxide	51-03-6	N-13061
Prallethrin	23031-36-9	N-13088

Pennsylvania Pesticide Standard Mix 5 for Cannabis Testing

Part No. M-PAPESTMIX5A1-1ML Matrix 100 µg/mL in Acetonitrile Price \$125.00

Component	CAS No.	Part No.
Abamectin	71751-41-2	N-10995
Acequinocyl	57960-19-7	N-11003
Acetamiprid	135410-20-7	N-11009
Azoxystrobin	131860-33-8	N-11113
Boscalid	188425-85-6	N-11328
Clofentazine	74115-24-5	N-11490
Daminozide	1596-84-5	N-11565
Dimethomorph	110488-70-5	N-11759
Fenhexamid	126833-17-8	N-11954
Fenpyroximate	134098-61-6	N-11962
Flonicamid	158062-67-0	N-11976
Hexythiazox	78587-05-0	N-12184
Kresoxim-methyl	143390-89-0	N-12296
Metalaxyl	57837-19-1	N-12380
Myclobutanil	88671-89-0	N-13261
Pacllobutrazol	76738-62-0	N-12811
Propiconazole	60207-90-1	N-13576
Spinetoram	187166-40-1	N-13221
Spinosad	168316-95-8	N-13222
Spiromesifen	283594-90-1	N-13224
Spirotetramat	203313-25-1	N-13225
Spiroxamine	118134-30-8	N-13226
Tebuconazole	107534-96-3	N-12006
Trifloxystrobin	141517-21-7	N-13684

Distributed By:



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Pennsylvania Pesticide Standards for Cannabis Kit - 5 Mixes

Part No.
K-PAPESTMIX-KIT

Price
\$340.00

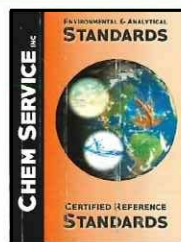
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Pennsylvania Pesticide Standard Mix 1 for Cannabis Testing
Pennsylvania Pesticide Standard Mix 2 for Cannabis Testing
Pennsylvania Pesticide Standard Mix 3 for Cannabis Testing
Pennsylvania Pesticide Standard Mix 4 for Cannabis Testing
Pennsylvania Pesticide Standard Mix 5 for Cannabis Testing

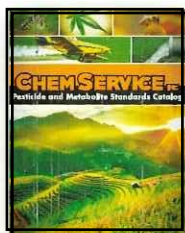
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M-PAPESTMIX2A1-1ML
M-PAPESTMIX3A1-1ML
M-PAPESTMIX4A1-1ML
M-PAPESTMIX5A1-1ML

ENVIRONMENTAL & ANALYTICAL STANDARDS CATALOG



-AND-



PESTICIDE AND METABOLITE STANDARDS CATALOG

Distributed By:



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6 Kelvin Park
Birkenhead
Merseyside, CH41 1LT

Tel: 0151 649 4000 Fax: 0151 649 4001
Email: info@greyhoundchrom.com
Web: <https://www.greyhoundchrom.com>



Terpene Mixtures and Residual Solvent Mixtures for Cannabis Testing



Terpene Mixture 1

Part No.	Matrix	Price
M-CANTERP1M1-1ML	100 µg/mL in Methanol	\$140.00
Component	CAS No.	Part No.
a-(-)-Bisabolol	23089-26-1	N-14153
Caryophyllene Oxide	1139-30-6	N-14157
(-)-Isopulegol	89-79-2	N-14150
Cedrol	77-53-2	N-14158
(+)-Fenchone	4695-62-9	N-14149
(1S)-(+)-3-Carene	498-15-7	N-14152
Myrcene	123-35-3	N-14164
Camphene	79-92-5	N-11395
Camphor	76-22-2	N-11396
cis-Nerolidol	3790-78-1	N-14159
Eucalyptol	470-82-6	N-16596
alpha-Farnesene	502-61-4	N-14154
Geranyl Acetate	105-87-3	N-14162
dl-Menthol	89-78-1	N-11835
Isoborneol	124-76-5	N-14130
DL-Linalool	78-70-6	N-14161
Nerol	106-25-2	N-14165
beta-Ocimene	13877-91-3	N-14156
alpha-Phellandrene	99-83-2	N-14155
(-)-Trans-Caryophyllene	87-44-5	N-14151
Valencene	4630-07-3	N-14166

Terpene Mixture 2

Part No.	Matrix	Price
M-CANTERP2M1-1ML	100 µg/mL in Methanol	\$140.00
Component	CAS No.	Part No.
(-)-Borneol	23089-26-1	N-14171
(+)-Borneol	1139-30-6	N-14167
(+)-Pulegone	89-79-2	NG-17610
d-Camphor	77-53-2	N-11556
(+)-Fenchyl Alcohol	4695-62-9	N-14169
L(-)-Camphor	498-15-7	NG-14571
d-Limonene	123-35-3	N-11560
(-)-alpha-Cedrene	79-92-5	N-14170
alpha-Humulene	76-22-2	N-14175
a-Terpinene	3790-78-1	N-14174
a-Pinene	470-82-6	N-10984
beta-Pinene	502-61-4	N-14176
gamma-Terpinene	105-87-3	N-14177
Geraniol	89-78-1	NG-16335
Guaiol	124-76-5	N-14179
(-)-Fenchone	78-70-6	N-14172
Sabinene	106-25-2	N-14180
Sabinene hydrate	13877-91-3	N-14181
Terpineol	99-83-2	N-14182
Terpinolene	87-44-5	N-14183
trans-Nerolidol	7/3/4630	N-14184

Residual Solvent Mix 1

Part No. M-CANRSMIX1AQ4-1ML Matrix 1,000 µg/mL in n-Pentane Price \$80.00

Component	CAS No.	Part No.
n-Hexane	110-54-3	N-12550
n-Pentane	109-66-0	N-12591
n-Heptane	142-82-5	N-12543
Isopropyl alcohol	67-63-0	N-12267
Ethyl alcohol	64-17-5	N-11885
Acetone	67-64-1	N-11014
Acetonitrile	75-05-8	N-11018
Tetrahydrofuran	109-99-9	N-13545
Toluene	108-88-3	N-13580
Chloroform	67-66-3	N-11447
Carbon tetrachloride	56-23-5	N-11407
Benzene	71-43-2	N-11149
m-Xylene	108-38-3	N-12345
p-Xylene	106-42-3	N-12806
o-Xylene	95-47-6	N-12699
Methanol	67-56-1	N-12395

California Residual Solvent Mixture 1

Part No. M-CARSMIX1AQ99-1ML Matrix Varied Concentration in n-Pentane Price \$200.00

Component	CAS No.	Part No.	Concentration
1,2-Dichloroethane	107-06-2	N-10154	60 µg/mL
Acetone	67-64-1	N-11014	28,000 µg/mL
Acetonitrile	75-05-8	N-11018	4,920 µg/mL
Benzene	71-43-2	N-11149	24 µg/mL
Chloroform	67-66-3	N-11447	720 µg/mL
Ethyl alcohol	64-17-5	N-11885	28,000 µg/mL
Ethyl acetate	141-78-6	N-11881	28,000 µg/mL
Ethyl ether	60-29-7	N-11897	28,000 µg/mL
n-Heptane	142-82-5	N-12543	28,000 µg/mL
n-Hexane	110-54-3	N-12550	3,480 µg/mL
Isopropyl alcohol	67-63-0	N-12267	28,000 µg/mL
Methanol	67-56-1	N-12395	36,000 µg/mL
Methylene chloride	75-09-2	N-12471	7,200 µg/mL
n-Pentane	109-66-0	N-12591	28,000 µg/mL
Trichloroethene	79-01-6	N-13654	960 µg/mL
Toluene	108-88-3	N-13580	10,680 µg/mL
m-Xylene	108-38-3	N-12345	26,040 µg/mL
o-Xylene	95-47-6	N-12699	26,040 µg/mL
p-Xylene	106-42-3	N-12806	26,040 µg/mL

Oregon Residual Solvent Mixture 1

Part No. M-ORRSMIX1AQ99-1ML Matrix Varied Concentration in N,N-Dimethylacetamide Price \$200.00

Component	CAS No.	Part No.	Concentration
sec-Butyl alcohol	78-92-2	N-13204	28,000 µg/mL
2-Ethoxyethanol	110-80-5	N-10338	1,920 µg/mL
Isopropyl alcohol	67-63-0	N-12267	28,000 µg/mL
Acetone	67-64-1	N-11014	28,000 µg/mL
Acetonitrile	75-05-8	N-11018	4,920 µg/mL
Benzene	71-43-2	N-11149	24 µg/mL
Isopropylbenzene	98-82-8	N-12276	840 µg/mL
Cyclohexane	110-82-7	N-11526	49,560 µg/mL
Methylene chloride	75-09-2	N-12471	7,200 µg/mL
Ethyl alcohol	64-17-5	N-11885	28,000 µg/mL
Ethyl acetate	141-78-6	N-11881	28,000 µg/mL
Ethyl ether	60-29-7	N-11897	28,000 µg/mL
Ethylene glycol	107-21-1	N-11928	7,440 µg/mL
n-Heptane	142-82-5	N-12543	28,000 µg/mL
n-Hexane	110-54-3	N-12550	3,480 µg/mL
2-Methylpentane	107-83-5	N-10428	3,480 µg/mL
3-Methylpentane	96-14-0	N-10753	3,480 µg/mL
Neohexane	75-83-2	N-12648	3,480 µg/mL
Diisopropane	79-29-8	N-11745	3,480 µg/mL
Isopropyl acetate	108-21-4	N-12223	28,000 µg/mL
Methanol	67-56-1	N-12395	20,000 µg/mL
n-Pentane	109-66-0	N-12591	28,000 µg/mL
2-Methylbutane	78-78-4	N-10421	28,000 µg/mL
Tetrahydrofuran	109-99-9	N-13545	8,640 µg/mL
Toluene	108-88-3	N-13580	10,680 µg/mL
o-Xylene	95-47-6	N-12699	26,040 µg/mL
m-Xylene	108-38-3	N-12345	26,040 µg/mL
p-Xylene	106-42-3	N-12806	26,040 µg/mL
Ethylbenzene	100-41-4	N-11922	26,040 µg/mL

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Explosive Standards



Residual explosives are an environmental pollutant as a result of military activity. They can be found in the soil and water at munitions sites. Traditionally these reference materials have been used for the monitoring or remediation of such sites. The most common explosives found in soil are: TNT (2,4,6- trinitrotoluene), RDX (1,3,5-trinitro-1,3,5-triazinane), and HMX (1,3,5,7-tetranitro-1,3,5,7-tetrazocane).

Chem Service has these and other explosive standards for EPA Methods 529 and 8330. These methods test for explosives and related compounds in finished drinking water and soil.

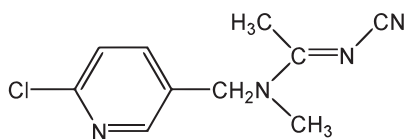
name	CAS#	part number
4-Amino-2,6-dinitrotoluene	19406-51-0	N-10804-10MG
4-Amino-2,6-dinitrotoluene Solution 1000 ug/ml in Acetonitrile	19406-51-0	S-10804A4-5ML
4-Amino-2,6-dinitrotoluene Solution 1000 ug/ml in Acetonitrile	19406-51-0	S-10804A4-1ML
2-Amino-4,6-dinitrotoluene	35572-78-2	N-10268-10MG
2-Amino-4,6-dinitrotoluene Solution 1000 ug/ml in Acetonitrile	35572-78-2	S-10268A4-1ML
2-Amino-4,6-dinitrotoluene Solution 1000 ug/ml in Acetonitrile	35572-78-2	S-10268A4-5ML
2-Amino-4-nitrophenol	99-57-0	N-10267-500MG
2-Amino-5-nitrophenol	121-88-0	NG-14522-1G
Aniline	62-53-3	RPN-11076-1G
Aniline	62-53-3	N-11076-1G
Aniline Solution 100ug/mL in Methanol	62-53-3	S-11076M1-5ML
Aniline Solution 100ug/mL in Methanol	62-53-3	S-11076M1-1ML
4-Chloro-2-methylaniline	95-69-2	MET-11426A-1G
5-Chloro-2-methylaniline	95-79-4	N-10893-1G
5-Chloro-2-methylaniline Solution 100 ug/ml in Methanol	95-79-4	S-10893M1-5ML
5-Chloro-2-methylaniline Solution 100 ug/ml in Methanol	95-79-4	S-10893M1-1ML
2-Chloro-4-methylaniline	615-65-6	NG-15622-100MG
3-Chloro-4-methylaniline	95-74-9	NG-15672-1G
2-Chloro-6-methylaniline	87-63-8	NG-15670-1G
2,4-Diaminotoluene	95-80-7	N-10534-1G
2,6-Diaminotoluene	823-40-5	N-10686-1G
3,4-Diaminotoluene	496-72-0	N-10783-1G
2,4-Diaminotoluene Solution 100 ug/ml In Toluene	95-80-7	S-10534U1-1ML
2,4-Diaminotoluene Solution 100 ug/ml In Toluene	95-80-7	S-10534U1-5ML
2,5-Diaminotoluene sulfate	615-50-9	NG-15951-1G
2,4-Dinitroaniline	97-02-9	N-10539-1G
2,4-Dinitroaniline Solution 1000 ug/ml in Toluene	97-02-9	S-10539U4-1ML
2,4-Dinitroaniline Solution 1000 ug/ml in Toluene	97-02-9	S-10539U4-5ML
3,5-Dinitroaniline Solution 1000 ug/ml in Acetonitrile	618-87-1	S-10771A4-1ML
o-Dinitrobenzene	528-29-0	N-12683-500MG
m-Dinitrobenzene	99-65-0	N-12331-500MG
p-Dinitrobenzene	100-25-4	N-12775-500MG
o-Dinitrobenzene Solution 1000 ug/ml in Methanol	528-29-0	S-12683M4-5ML
o-Dinitrobenzene Solution 100 ug/ml in Methanol	528-29-0	S-12683M1-5ML
o-Dinitrobenzene Solution 1000 ug/ml in Methanol	528-29-0	S-12683M4-1ML
o-Dinitrobenzene Solution 100 ug/ml in Methanol	528-29-0	S-12683M1-1ML
m-Dinitrobenzene Solution 100 ug/ml in Methanol	99-65-0	S-12331M1-5ML
m-Dinitrobenzene Solution 100 ug/ml in Methanol	99-65-0	S-12331M1-1ML
m-Dinitrobenzene Solution 1000 ug/ml in Acetonitrile	99-65-0	S-12331A4-5ML
m-Dinitrobenzene Solution 1000 ug/ml in Acetonitrile	99-65-0	S-12331A4-1ML
p-Dinitrobenzene Solution 100 ug/ml In Methanol	100-25-4	S-12775M1-5ML
p-Dinitrobenzene Solution 100 ug/ml In Methanol	100-25-4	S-12775M1-1ML
2,4-Dinitrophenol (min 15wt% water)	51-28-5	N-10641-1G
2,4-Dinitrophenol Solution 100 ug/ml in Methanol	51-28-5	S-10641M1-5ML
2,4-Dinitrophenol Solution 100 ug/ml in Methanol	51-28-5	S-10641M1-1ML
2,3-Dinitrotoluene	602-01-7	NG-16399-1G
2,4-Dinitrotoluene	121-14-2	N-10643-1G
2,6-Dinitrotoluene	606-20-2	N-10697-1G
2,4-Dinitrotoluene Solution 1000ug/mL in Acetonitrile	121-14-2	S-10643A4-5ML
2,4-Dinitrotoluene Solution 1000ug/mL in Acetonitrile	121-14-2	S-10643A4-1ML
2,4-Dinitrotoluene Solution 100 ug/ml in Methanol	121-14-2	S-10643M1-1ML
2,4-Dinitrotoluene Solution 100 ug/ml in Methanol	121-14-2	S-10643M1-5ML
2,6-Dinitrotoluene Solution 1000 ug/ml in Acetonitrile	606-20-2	S-10697A4-5ML
2,6-Dinitrotoluene Solution 100 ug/ml in Methanol	606-20-2	S-10697M1-5ML
2,6-Dinitrotoluene Solution 100 ug/ml in Methanol	606-20-2	S-10697M1-1ML
2,6-Dinitrotoluene Solution 1000 ug/ml in Acetonitrile	606-20-2	S-10697A4-1ML
Hexahydro-1,3,5-trinitro-1,3,5-triazine Solution 1000ug/mL in Acetonitrile	121-82-4	S-12170A4-5ML
Hexahydro-1,3,5-trinitro-1,3,5-triazine Solution 1000ug/mL in Acetonitrile	121-82-4	S-12170A4-1ML
2-Methyl-3-nitroaniline	603-83-8	NG-17025-1G
4-Methyl-3-nitroaniline	119-32-4	NG-17028-1G
5-Nitro-2-aminotoluene	99-52-5	NG-17194-1G
2-Nitro-6-methylaniline	570-24-1	NG-17268-1G
Nitrobenzene	98-95-3	N-12660-1G
Nitrobenzene Solution 1000 ug/ml in Acetonitrile	98-95-3	S-12660A4-5ML
Nitrobenzene Solution 100 ug/ml in Methanol	98-95-3	S-12660M1-5ML
Nitrobenzene Solution 100 ug/ml in Methanol	98-95-3	S-12660M1-1ML
Nitrobenzene Solution 1000 ug/ml in Acetonitrile	98-95-3	S-12660A4-1ML
Nitroguanidine (min 20wt% water)	556-88-7	NG-17254-1G
5-Nitro-o-toluidine	99-55-8	N-10898-1G
5-Nitro-o-toluidine Solution 100 ug/ml in Methanol	99-55-8	S-10898M1-1ML
5-Nitro-o-toluidine Solution 100 ug/ml in Methanol	99-55-8	S-10898M1-5ML
o-Nitrotoluene	88-72-2	N-12690-1G
m-Nitrotoluene	99-08-1	N-13803-1G
p-Nitrotoluene	99-99-0	N-12787-1G
o-Nitrotoluene Solution 2500 ug/ml in t-Butylmethyl ether	88-72-2	S-12690T6-1ML

name	CAS#	part number
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o-Nitrotoluene Solution 2500 ug/ml in t-Butylmethyl ether	88-72-2	S-12690T6-5ML
o-Nitrotoluene Solution 1000 ug/ml in Acetonitrile	88-72-2	S-12690A4-1ML
o-Nitrotoluene Solution 1000 ug/ml in Acetonitrile	88-72-2	S-12690A4-5ML
m-Nitrotoluene Solution 1000 ug/ml in Acetonitrile	99-08-1	S-13803A4-5ML
m-Nitrotoluene Solution 1000 ug/ml in Acetonitrile	99-08-1	S-13803A4-1ML
p-Nitrotoluene Solution 1000 ug/ml in Acetonitrile	99-99-0	S-12787A4-5ML
p-Nitrotoluene Solution 1000 ug/ml in Acetonitrile	99-99-0	S-12787A4-1ML
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine Solution 1000 ug/ml in Acetonitrile	2691-41-0	S-12714A4-1ML
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine Solution 1000 ug/ml in Acetonitrile	2691-41-0	S-12714A4-5ML
Pentaerythritol tetranitrate Solution 1000 ug/ml in Acetonitrile	78-11-5	S-12837A4-5ML
Pentaerythritol tetranitrate Solution 1000 ug/ml in Acetonitrile	78-11-5	S-12837A4-1ML
Picric acid - min 30wt% water	88-89-1	N-13052-1G
2,3,4,5-Tetrachloronitrobenzene	879-39-0	N-12939-100MG
Tetryl Solution 1000 ug/ml in Acetonitrile	479-45-8	S-13558A4-1ML
Tetryl Solution 1000 ug/ml in Acetonitrile	479-45-8	S-13558A4-5ML
o-Toluidine	95-53-4	N-12697-1G
m-Toluidine	108-44-1	N-12343-1G
p-Toluidine	106-49-0	N-12804-1G
o-Toluidine Solution 100 ug/ml in Methanol	95-53-4	S-12697M1-5ML
o-Toluidine Solution 100 ug/ml in Methanol	95-53-4	S-12697M1-1ML
1,3,5-Trinitrobenzene (min 30wt% water)	99-35-4	N-10208-100MG
1,3,5-Trinitrobenzene Solution 1000 ug/ml in Acetonitrile	99-35-4	S-10208A4-1ML
1,3,5-Trinitrobenzene Solution 1000 ug/ml in Methylene chloride	99-35-4	S-10208X4-5ML
1,3,5-Trinitrobenzene Solution 1000 ug/ml in Methylene chloride	99-35-4	S-10208X4-1ML
1,3,5-Trinitrobenzene Solution 100 ug/ml in Methanol	99-35-4	S-10208M1-5ML
1,3,5-Trinitrobenzene Solution 1000 ug/ml in Acetonitrile	99-35-4	S-10208A4-5ML
1,3,5-Trinitrobenzene Solution 100 ug/ml in Methanol	99-35-4	S-10208M1-1ML
2,4,6-Trinitrotoluene - min 30wt% water	118-96-7	N-10659-100MG
2,4,6-Trinitrotoluene - min 30wt% water Solution 1000ug/mL in Acetonitrile	118-96-7	S-10659A4-1ML
2,4,6-Trinitrotoluene - min 30wt% water Solution 1000ug/mL in Acetonitrile 1000ug/ml in Methanol:Acetonitrile (50:50) (7 components)	118-96-7	S-10659A4-5ML
1000ug/ml in Methanol:Acetonitrile (50:50) (5 components)		M-NN83301AH4-1ML
10ug/mL in Methanol (11 components)		M-DIN38407EX1M10-1ML
500ug/mL in Methanol (12 components)		M-DIN38407NCM3-1ML

Neonicotinoids are a group of systemic agricultural insecticides resembling nicotine in structure and mechanism of action. Chem Service offers many neonicotinoids and we're always adding new products! We provide neonicotinoids and other chemicals as certified analytical reference standards and they are available as a neat, in a solution, or in a mixture.

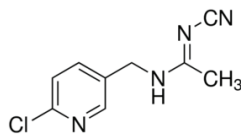
Acetamiprid



CAS #135410-20-7 MF C₁₀H₁₁ClN₄ MW 222.7

Matrix	Catalog #
Neat	N-11009-100MG
100 µg/mL in Acetonitrile	S-11009A1-1ML
100 µg/mL in Toluene	S-11009U1-1ML

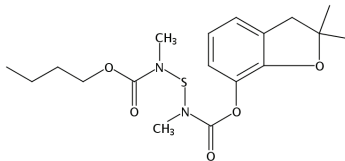
Acetamiprid-N-Desmethyl



CAS #190604-92-3 MF C₉H₉ClN₄ MW 208.65

Matrix	Catalog #
Metabolite	MET-11009A-10MG

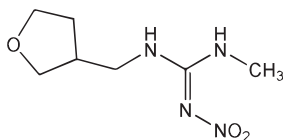
Furathiocarb Solution



CAS #65907-30-4 MF C₁₈H₂₆N₂O₅S MW 382.47

Matrix	Catalog #
100 µg/mL in Methanol	S-12974M1-1ML

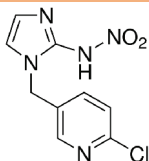
Dinotefuran



CAS #165252-70-0 MF C₇H₁₄N₂O₃ MW 202.2

Matrix	Catalog #
Neat	N-11788-50MG
100 µg/mL in Methanol	S-11788M1-1ML
100 µg/mL in Toluene	S-11788U1-1ML

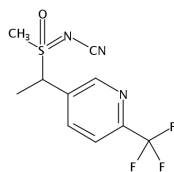
Imidacloprid olefin



CAS #115086-54-9 MF H₈ClN₅O₂ MW 253.65

Matrix	Catalog #
Metabolite	MET-12206-10MG

Sulfoxaflor

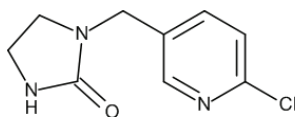


CAS # 946578-00-3 MF C₁₀H₁₀F₃N₃O₃ MW 227.26

Matrix	Catalog #
Neat	N-12883-10MG
100 µg/mL in Methanol	S-12883M1-1ML



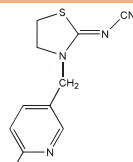
Imidacloprid urea



CAS #120868-66-8 MF C₉H₁₀ClN₃O MW 211.65

Matrix	Catalog #
Metabolite	MET-12206A-50MG

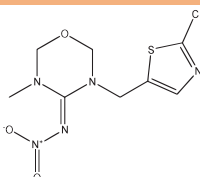
Thiacloprid



CAS # 111988-49-9 MF C₁₀H₉ClN₄S MW 252.7

Matrix	Catalog #
Neat	N-13561-100MG
100 µg/mL in Acetonitrile	S-13561A1-1ML
100 µg/mL in Toluene	S-13561U1-1ML

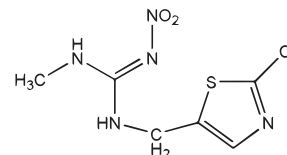
Thiamethoxam



CAS # 153719-23-4 MF C₈H₁₀ClN₃O₃ MW 270.74

Matrix	Catalog #
Neat	N-13562-100MG
100 µg/mL in Methanol	S-13562M1-1ML

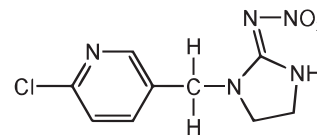
Clothianidin



CAS #210880-92-5 MF C₆H₈ClN₅O₂S MW 249.68

Matrix	Catalog #
Neat	N-11493-100MG
100 µg/mL in Acetonitrile	S-11493A1-1ML

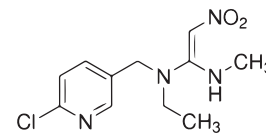
Imidacloprid



CAS #138261-41-3 MF C₉H₁₀ClN₅O₂ MW 255.7

Matrix	Catalog #
Neat	N-12206-500MG
100 µg/mL in Methanol	S-12206M1-1ML

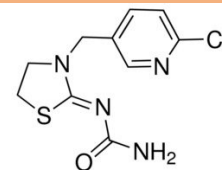
Nitenpyram



CAS #150824-47-8 MF C₁₁H₁₅ClN₄O₂ MW 270.75

Matrix	Catalog #
Neat	N-12657-100MG
100 µg/mL in Methanol	S-12657M1-1ML

Thiacloprid-Amide



CAS # 676228-91-4 MF C₁₀H₁₁ClN₄O₃ MW 270.74

Matrix	Catalog #
Metabolite	MET-13561-100MG

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New Products



For over 50 years, Chem Service, Inc. has been manufacturing the highest quality standards possible. Our Standards Grade products are analyzed by two or more methods of analysis. Each Standards Grade product with a labeled purity comes with a Certificate of Analysis including the chromatogram. Our technical experts certify the product using the following techniques:

GC-FID
GC-ECD
GC-TCD
GC-MS
HPLC
FT-IR
Titration

We frequently develop new products to stay ahead of the competition and provide our customers with standards that meet and exceed their needs. Below is a list of our recent new product additions. If you do not see the compound you need, please contact us and we may be able to produce it.

Part Number	Name	CAS#	Size
N-13268-100MG	Acetaldehyde-d4 (DNPH Derivative)		100mg
N-12923-100MG	Acetic acid,2-[(dimethoxyphosphinothioyl)thio]-,ethyl ester	1068-13-9	100mg
N-13005-100MG	Acetone-d6 (DNPH Derivative)		100mg
N-12904-1G	Acetophenone-DNPH	1677-87-8	1gm
S-13928A1-1ML	Acrinathrin Solution 100ug/mL in Acetonitrile		1mL
MET-11043B-100MG	Alachlor acetate	166407-15-4	100mg
N-12959-10MG	Albendazole	54965-21-8	10mg
N-12930-100MG	alpha-Amylcinnamaldehyde	122-40-7	100mg
N-12929-100MG	alpha-Amylcinnamyl alcohol	101-85-9	100mg
NG-16020-1G	Amyl hydrocinnamyl alcohol	92368-90-6	1gm
N-12946-10MG	Atrazine-desisopropyl-2-hydroxy	7313-54-4	10mg
N-12991-10MG	Benodanil	15310-01-7	10mg
N-12957-10MG	Benoxacor	98730-04-2	10mg
S-11314J1-1ML	Bis(chloromethyl)ether Solution 100ug/mL in Hexane	542-88-1	1mL
N-12907-100MG	Bisphenol A	80-05-7	100mg
S-15203J1-2ML	2-Bromobiphenyl Solution 100ug/ml in Hexane		2mL
S-15206J1-2ML	3-Bromobiphenyl Solution 100ug/ml in Hexane		2mL
S-15208J1-2ML	4-Bromobiphenyl Solution 100ug/ml in Hexane		2mL
N-12961-10MG	Bromofenoxim	13181-17-4	10mg
S-11351A1-1ML	Busan 40 Solution 100ug/mL in Acetonitrile		1mL
S-11352A1-1ML	Busan 85 Solution 100ug/mL in Acetonitrile		1mL
N-13266-100MG	2-Butanone-4,4,4-d3 (DNPH Derivative)		100mg
N-12963-10MG	Butocarboxim	34681-10-2	10mg
N-12999-10MG	Butocarboxim sulfoxide	34681-24-8	10mg
N-13921-10MG	Butoxycarboxim	34681-23-7	10mg
N-12944-10MG	Buturon	3766-60-7	10mg
M-DNPHA20-1ML	California Air Resource Board Mixture - Method 8315 30ug/mL in Acetonitrile		1mL
N-12971-10MG	Carbetamide	16118-49-3	10mg
MET-11405FM1-1ML	Carbofuranphenol-3-keto Solution 100ug/mL in Methanol		1mL
MET-11408BH10-1ML	Carbophenothion methyl-O-analog Solution 10ug/mL in Ethyl acetate		1mL
S-11413M1-1ML	Cartap Solution 100ug/mL in Methanol		1mL
N-12970-10MG	Chlorbufam	1967-16-4	10mg
MET-11957A-100MG	6-Chloro-2,3-dihydrobenzoxazol-2-one	19932-84-4	100mg
N-12966-10MG	2-Chloro-4-ethylamino-6-methylamino-s-triazine	3084-92-2	10mg
N-12964-10MG	2-Chloro-4-ethylamino-6-propylamino-s-triazine		10mg

New Products

Part Number	Name	CAS#	Size
N-12968-10MG	2-Chloro-4-methylamino-6-diethylamino-s-triazine		10mg
N-12967-10MG	2-Chloro-4-methylamino-6-sec-butylamino-s-triazine		10mg
N-12992-10MG	Chlorthiamid	1918-13-4	10mg
N-12969-10MG	Chlorthiophos	60238-56-4	10mg
S-12993M1-1ML	Chlorthion Solution 100ug/mL in Methanol	500-28-7	1mL
S-12994A1-1ML	Chlozolinat Solution 100ug/mL in Acetonitrile		1mL
S-12958F1-1ML	Clarity Solution 100ug/mL in Methanol 104040-79-1		1mL
S-12956M1-1ML	Clopyralid methyl ester Solution 100ug/mL in Methanol	1532-24-7	1mL
S-12995M1-1ML	Coumachlor Solution 100ug/mL in Methanol	81-82-3	1mL
N-15858-1G	2-Cyclohexylcyclohexanone		1gm
N-13916-10MG	Cycloxydime	101205-02-1	10mg
N-12996-100MG	2,6-D Acid		100mg
N-12861-100MG	2,3-D methyl ester		100mg
N-12997-100MG	2,6-D methyl ester		100mg
N-12865-10MG	Desmethyl-formamido-pirimicarb	27218-04-8	10mg
N-12973-10MG	Desmetryn	1014-69-3	10mg
N-12955-10MG	Dibam	128-04-1	10mg
N-12965-10MG	2,4-Dichloro-6-ethylamino-s-triazine	3440-19-5	10mg
N-12953-10MG	2,3-Dichlorophenoxyacetic acid	2976-74-1	10mg
N-12977-10MG	Difenoxuron	14214-32-5	10mg
N-12972-10MG	Dimefuron	34205-21-5	10mg
N-12984-10MG	Dimepax	22936-75-0	10mg
MET-12017A-100MG	(Dimethoxythiophosphinoylthio)acetic acid	1113-01-5	100mg
N-12952-10MG	Dimethyl phosphate	813-78-5	10mg
S-13926A1-1ML	Dimoxystrobin Solution 100ug/mL in Acetonitrile	149961-52-4	1mL
N-12976-10MG	Dinitramine	29091-05-2	10mg
N-12962-10MG	Disul, sodium salt	136-78-7	10mg
N-12982-10MG	2,3-Diuron	10290-37-6	10mg
S-12975M1-1ML	DMST Solution 100ug/mL in Methanol		1mL
N-12948-10MG	Dodemorph acetate	31717-87-0	10mg
N-12920-100MG	Emamectin benzoate	155569-91-8	100mg
N-13913-10MG	Empenthrin	54406-48-3	10mg
M-CS5242M5-1ML	EPA 524 Internal Standard Mix 2000ug/mL in Methanol		1mL
N-12985-10MG	Etaconazole	60207-93-4	10mg
MET-11872BA1-1ML	Ethiofencarb sulfone 100ug/mL in Acetonitrile		1mL
N-12986-10MG	Ethirimol	23947-60-6	10mg
N-12909-50MG	2-Ethoxyethyl 3,5-Dichloro-4-methylbenzoate	343260-75-3	50mg
S-12949M1-1ML	2-Ethylthiomethyl phenol Solution 100ug/mL in Methanol		1mL
N-12954-10MG	Etrinfos	38260-54-7	10mg
M-EDNPHA19-1ML	European Standards Mixture - Method 8315 20ug/mL in Acetonitrile		1mL
M-EMH525B99-1ML	Extractable Mixture #2 - 525.2 Varied in Acetone		1mL
N-13265-250MG	Fenchlorim	3740-92-9	250mg
MET-11963B-100MG	Fensulfothion-sulfide	3070-15-3	100mg
MET-11963A-50MG	Fensulfothion-sulfone	14255-72-2	50mg
S-13920B1-1ML	Fipronil desulfanyl Solution 100ug/mL in Acetone		1mL
N-13922-10MG	Florasulam	145701-23-1	10mg
N-12987-10MG	Flurochloridon	61213-25-0	10mg
S-12000M1-1ML	Fluroxypyr Solution 100ug/mL in Methanol		1mL
N-12921-100MG	Fluxapyroxad	907204-31-3	100mg
N-13271-100MG	Formalin-d2 (DNPH Derivative)		100mg
N-12978-10MG	Furalaxyl	57646-30-7	10mg
S-12974M1-1ML	Furathiocarb Solution 100ug/mL in Methanol		1mL
N-12979-10MG	Furmecyclox	60568-05-0	10mg
S-12979M1-1ML	Furmecyclox Solution 100ug/mL in Methanol		1mL
S-12981M1-1ML	Guazatine acetate Solution 100ug/mL in Methanol1	15044-19-4	1mL
S-12942M1-1ML	1-Hydroxychloridene Solution 100ug/mL in Methanol		1mL
NG-18301-10GM	IGEPAL CA-210	9036-19-5	10gm
S-13818A1-1ML	Imazosulfuron 100ug/mL in Acetonitrile		1mL
N-13923-10MG	Iodosulfuron-methyl-sodium	185119-76-0	10mg
N-13924-10MG	Iprovalicarb	140923-17-7	10mg
N-12933-10G	Isodecyl isotridecyl phthalate (Technical)		10gm
N-12925-100MG	1H-Isoindole-1,3(2H)-dione,2-[(3,4-dimethoxyphenyl)methyl]	155514-73-1	100mg
N-12270-100MG	Isophorone (DNPH Derivative)	93445-21-7	100mg
N-12910-100MG	Isophorone diisocyanate-1-(2-pyridyl piperazine)	4098-71-9	100mg
MET-11128A-250MG	2-Isopropoxyphenol	4812-20-8	250mg
N-12983-10MG	2-Isopropylamino-4,6-dichloro-s-triazine	3703-10-4	10mg

New Products

Part Number	Name	CAS#	Size
N-12947-10MG	Kadethrine	58769-20-3	10mg
N-12945-10MG	Karbutilate	4849-32-5	10mg
N-12902-50MG	Methyl 2,4-dichloro-9-hydroxy-9H-fluorene-9-carboxylate	59653-26-8	50mg
N-12922-100MG	Methylarsonic acid	124-58-3	100mg
N-12926-10MG	9-Methyl-benzo[g]chrysene	13322-53-7	10mg
N-12980-10MG	2-Methyl-4,6-dinitroanisole	29027-13-2	10mg
N-10400-10MG	2-Methylphenanthrene	2531-84-2	10mg
N-13917-10MG	Monalide	7287-36-7	10mg
N-12927-100MG	N-(2,n-dicarboxybenzoyl)veratrylamine (mix,n=4&5)		100mg
N-12924-100MG	N-(3,4-dimethoxybenzyl) phthalamic acid (PHVA)		100mg
M-CSNJ4AL2-1ML	New Jersey DEP Aromatics Spike Mixture		1mL
N-12912-5MG	Nimbin	5945-86-8	5mg
MET-12403AM1-1ML	o,p'-Methoxychlor Solution 100ug/mL in Methanol		1mL
N-12951-10MG	Orbencarb	34622-58-7	10mg
MET-12403BM1-1ML	p,p'-Methoxychlor-olefin 100ug/mL in Methanol	2132-70-9	1mL
NG-S360-1-1G	P.O.E. (10) Dodecyl phenol	9014-92-0	1gm
N-17917-50MG	Penthiopyrad	183675-82-3	50mg
M-CS5283X5-1ML	Phenol Calibration Mixture - 528 2000ug/mL in Methylene chloride		1mL
N-13915-10MG	Phenyl valerate	20115-23-5	10mg
N-13927-10MG	Picoxystrobin	117428-22-5	10mg
N-12989-10MG	Piperophos	24151-93-7	10mg
MET-13064D-100MG	Pirimiphos-methyl-N-desethyl	67018-59-1	100mg
N-13267-100MG	Propionaldehyde-2,2,3,3,3-d5 (DNPH Derivative)		100mg
N-13918-10MG	Prosulfocarb	52888-80-9	10mg
N-12866-10MG	Prothioconazole-desthio	120983-64-4	10mg
N-12990-10MG	Pyriphenox	88283-41-4	10mg
N-12998-10MG	Pyroquilon	57369-32-1	10mg
N-12903-1G	Pyruvic acid-DNPH	790-12-5	1gm
N-13925-10MG	Quinmerac	90717-03-6	10mg
N-13919-10MG	S 421	127-90-2	10mg
N-12911-5MG	Salannin	992-20-1	5mg
N-12950-10MG	Sebutylazin	7286-69-3	10mg
N-12943-100MG	Secbumeton	26259-45-0	100mg
N-13914-10MG	Silafluofen	105024-66-6	10mg
N-12960-10MG	Simeton	673-04-1	10mg
N-12863-100MG	Sodium dimethyldithiocarbamate hydrate		100mg
N-17676-5MG	2,2',4,5'-Tetrabromobiphenyl	60044-24-8	5mg
N-12939-100MG	2,3,4,5-Tetrachloronitrobenzene		100mg
N-12934-1G	1,1,2-Trichloropropane	598-77-6	1gm
MET-13706-100MG	Trinexapac	104273-73-6	100mg
N-12935-1G	Undecyl dodecyl phthalate (Technical)	68515-47-9	1gn
M-CS5242M2-1ML	Volatile Organic Compounds - 60 Components 200ug/mL in Methanol		1mL

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PBDEs

Polybrominated diphenyl ethers or BDEs, are man-made organobromine chemicals that are used as flame retardants. There are 209 congeners or isomers. BDEs are added to plastics and foam products to make them difficult to burn. They are structurally similar to polychlorinated biphenyls (PCBs). Like PCBs, these chemicals do not degrade and accumulate in the environment. Many studies have been done on the possible impact to our health and the environment. Because of their persistence and toxicity, the production of the penta-BDE and octa-BDE isomers has been discontinued in many countries.

Product Name	Catalog #	Matrix	CAS #
Decabromodiphenyl ether (BDE 209)	N-15886-100MG	Neat	1163-19-5
Decabromodiphenyl Ether (BDE 209) Solution	S-15886J0-1ML	50 ug/mL in Hexane	1163-19-5
4,4'-Dibromodiphenyl Ether (BDE-15) Solution	S-12882K0-1ML	50 ug/mL in Isooctane	2050-47-7
2,2',3,4,4',5,6-Heptabromodiphenyl Ether (BDE-181) Solution	S-13128K0-1ML	50 ug/mL in Isooctane	189084-64-8
2,2',4,4',6,6'-Hexabromodiphenyl Ether (BDE 155) Solution	S-12896K0-1ML	50 ug/mL in Isooctane	35854-94-5
2,3,3',4,4',6-Hexabromodiphenyl Ether (BDE-158) Solution	S-14015J0-1ML	50 ug/mL in Hexane	446255-09-0
2,3,4,4',5,6-Hexabromodiphenyl Ether (BDE-166) Solution	S-13270K0-1ML	50 ug/mL in Isooctane	189084-58-0
2,2',3,4,4',6-Hexabromodiphenyl Ether BDE-139 Solution	S-14014J0-1ML	50 ug/mL in Hexane	446254-96-2
2,2',3,4,4',5,6,6'-Octabromodiphenyl Ether(BDE-204) Solution	S-14028J1-1ML	100 ug/mL in Hexane	446255-54-5
2,2',4,6,6'-Pentabromodiphenyl ether (BDE 104) Solution	S-14036K0-1ML	50 ug/mL in Isooctane	446254-68-8
2,3,4,5,6-Pentabromodiphenyl Ether (BDE 116) Solution	S-12879K0-1ML	50 ug/mL in Isooctane	189084-65-9
2,3,4,4',6-Pentabromodiphenyl Ether (BDE-115) Solution	S-14009J0-1ML	50 ug/mL in Hexane	446254-78-0
2,3',4,5',6-Pentabromodiphenyl Ether (BDE-121) Solution	S-14034J0-1ML	50 ug/mL in Hexane	446254-81-5
2,2',4,4',6-Pentabromodiphenyl Ether BDE-100 Solution	S-13123K0-1ML	50 ug/mL in Isooctane	189084-64-8
2,2',4,6-Tetrabromodiphenyl ether (BDE 050) Solution	S-14040K0-1ML	50 ug/mL in Isooctane	446254-23-5
2,2',4,4'-Tetrabromodiphenyl Ether (BDE 47)	N-10522-10MG	Neat	5436-43-1
2,2',4,4'-Tetrabromodiphenyl Ether (BDE 47) Solution	S-10522K0-1ML	50 ug/mL in Isooctane	5436-43-1
2,2',4,6'-Tetrabromodiphenyl Ether (BDE 51) Solution	S-13077K0-1ML	50 ug/mL in Isooctane	189084-57-9
2,3,4,6-Tetrabromodiphenyl Ether (BDE 62) Solution	S-13999K0-1ML	50 ug/mL in Isooctane	446254-33-7
2,3',4,4'-Tetrabromodiphenyl Ether (BDE 66) Solution	S-12894K0-1ML	50 ug/mL in Isooctane	189084-61-5
2,3',4,6-Tetrabromodiphenyl ether (BDE-69) Solution	S-14053K0-1ML	50 ug/mL in Isooctane	327185-09-1
2,3',4',6-Tetrabromodiphenyl Ether (BDE-71) Solution	S-13272K0-1ML	50 ug/mL in Isooctane	189084-62-6
2,4,4',6-Tetrabromodiphenyl Ether (BDE-75) Solution	S-13269K0-1ML	50 ug/mL in Isooctane	189084-63-7
3,3',4,5'-Tetrabromodiphenyl Ether (BDE-79) Solution	S-14017J0-1ML	50 ug/mL in Hexane	446254-48-4
2,4,4'-Tribromodiphenyl Ether (BDE-028) Solution	S-12874K0-1ML	50 ug/mL in Isooctane	41318-75-6
2,4,6-Tribromodiphenyl Ether (BDE-030) Solution	S-12862K0-1ML	50 ug/mL in Isooctane	155999-95-4
2,4',6-Tribromodiphenyl ether (BDE-32)	N-13066-10MG	Neat	189084-60-4
2,4',6-Tribromodiphenyl Ether (BDE-32) Solution	S-13066K0-1ML	50 ug/mL in Isooctane	189084-60-4
3',4',4-Tribromodiphenyl Ether (BDE-37) Solution	S-13993K1-1ML	100 ug/mL in Isooctane	147217-81-0

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Arochlor & PCB Standards



Polychlorinated biphenyls (PCB), polybrominated biphenyls (PBB) and polybrominated diphenyl ethers (PBDE) are persistent organic pollutants in our environment. These compounds are suspected of causing cancer.

PCBs were used in the electrical and coolant industries due to their ability to withstand high temperatures. Chem Service carries all 209 congeners as neat materials and solutions as well as the Arochlor composite mixtures.

PBBs and PBDEs were used as flame retardants in many consumer products such as computer monitors, televisions, textiles and plastic foams.

Arochlor 1016 Solution 1000 ug/ml in Hexane	12674-11-2	S-11086J4-1ML
Arochlor 1016 Solution 100 ug/ml in Transformer Oil	12674-11-2	S-11086V1-1ML
Arochlor 1016 Solution 1000 ug/ml in Isooctane	12674-11-2	S-11086K4-1ML
Arochlor 1016 Solution 100 ug/ml in Methanol	12674-11-2	S-11086M1-1ML
Arochlor 1221	11104-28-2	N-11087-1G
Arochlor 1221 Solution 1000 ug/ml in Hexane	11104-28-2	S-11087J4-1ML
Arochlor 1221 Solution 100 ug/ml in Transformer Oil	11104-28-2	S-11087V1-1ML
Arochlor 1221 Solution 1000 ug/ml in Isooctane	11104-28-2	S-11087K4-1ML
Arochlor 1221 Solution 100 ug/ml in Methanol	11104-28-2	S-11087M1-1ML
Arochlor 1232	11141-16-5	N-11088-10MG
Arochlor 1242	53469-21-9	N-11089-100MG
Arochlor 1242 Solution 1000 ug/ml in Hexane	53469-21-9	S-11089J4-1ML
Arochlor 1242 Solution 100 ug/ml in Transformer Oil	53469-21-9	S-11089V1-1ML
Arochlor 1242 Solution 1000 ug/ml in Isooctane	53469-21-9	S-11089K4-1ML
Arochlor 1242 Solution 100 ug/ml in Methanol	53469-21-9	S-11089M1-1ML
Arochlor 1248	12672-29-6	N-11090-50MG
Arochlor 1248 Solution 1000 ug/ml in Hexane	12672-29-6	S-11090J4-1ML
Arochlor 1248 Solution 100 ug/ml in Transformer Oil	12672-29-6	S-11090V1-1ML
Arochlor 1248 Solution 1000 ug/ml in Isooctane	12672-29-6	S-11090K4-1ML
Arochlor 1248 Solution 100 ug/ml in Methanol	12672-29-6	S-11090M1-1ML
Arochlor 1254	11097-69-1	N-11091-50MG
Arochlor 1254 Solution 1000 ug/ml in Hexane	11097-69-1	S-11091J4-1ML
Arochlor 1254 Solution 100 ug/ml in Transformer Oil	11097-69-1	S-11091V1-1ML
Arochlor 1254 Solution 1000 ug/ml in Isooctane	11097-69-1	S-11091K4-1ML
Arochlor 1254 Solution 100 ug/ml in Methanol	11097-69-1	S-11091M1-1ML
Arochlor 1260	11096-82-5	N-11092-50MG
Arochlor 1260 Solution 1000 ug/ml in Hexane	11096-82-5	S-11092J4-1ML
Arochlor 1260 Solution 1000 ug/ml in Isooctane	11096-82-5	S-11092K4-1ML
Arochlor 1260 Solution 100 ug/ml in Methanol	11096-82-5	S-11092M1-1ML
Arochlor 1260 Solution 2000 ug/ml in Methanol	11096-82-5	S-11092M5-1ML
Arochlor 1260 Solution 100 ug/ml in Transformer Oil	11096-82-5	S-11092V1-1ML
2-Chlorobiphenyl	2051-60-7	BZ-1-50MG
3-Chlorobiphenyl	2051-61-8	BZ-2-10MG
4-Chlorobiphenyl	2051-62-9	BZ-3-50MG
2-Chlorobiphenyl Solution 100 ug/ml in Hexane	2051-60-7	BZ-1J1-2ML
3-Chlorobiphenyl Solution 100 ug/ml in Hexane	2051-61-8	BZ-2J1-2ML
4-Chlorobiphenyl Solution 100 ug/ml in Hexane	2051-62-9	BZ-3J1-1ML
Decachlorobiphenyl	2051-24-3	BZ-209-10MG
Decachlorobiphenyl Solution 500 ug/ml in Acetone	2051-24-3	BZ-209B3-1ML
Decachlorobiphenyl Solution 100 ug/ml in Hexane	2051-24-3	BZ-209J1-1ML
Decachlorobiphenyl Solution 1000 ug/ml in Hexane	2051-24-3	BZ-209J4-1ML
Decachlorobiphenyl Solution 1000 ug/ml in Toluene	2051-24-3	BZ-209U4-1ML
2,6-Dichlorobiphenyl	33146-45-1	BZ-10-25MG
3,3'-Dichlorobiphenyl	2050-67-1	BZ-11-50MG
3,4-Dichlorobiphenyl	2974-92-7	BZ-12-50MG
3,4'-Dichlorobiphenyl	2974-90-5	BZ-13-5MG
3,5-Dichlorobiphenyl	34883-41-5	BZ-14-50MG
4,4'-Dichlorobiphenyl	2050-68-2	BZ-15-10MG
2,2'-Dichlorobiphenyl	13029-08-8	BZ-4-25MG
2,3-Dichlorobiphenyl	16605-91-7	BZ-5-25MG
2,3'-Dichlorobiphenyl	25569-80-6	BZ-6-5MG
2,4-Dichlorobiphenyl	33284-50-3	BZ-7-25MG
2,4'-Dichlorobiphenyl	34883-43-7	BZ-8-25MG
2,5-Dichlorobiphenyl	34883-39-1	BZ-9-50MG
2,6-Dichlorobiphenyl Solution 100 ug/ml in Hexane	33146-45-1	BZ-10J1-2ML
3,3'-Dichlorobiphenyl Solution 100 ug/ml in Hexane	2050-67-1	BZ-11J1-2ML
3,4-Dichlorobiphenyl Solution 100 ug/ml in Hexane	2974-92-7	BZ-12J1-2ML
3,4'-Dichlorobiphenyl Solution 100 ug/ml in Hexane	2974-90-5	BZ-13J1-2ML
3,5-Dichlorobiphenyl Solution 100 ug/ml in Hexane	34883-41-5	BZ-14J1-2ML
4,4'-Dichlorobiphenyl Solution 100 ug/ml in Hexane	2050-68-2	BZ-15J1-1ML
4,4'-Dichlorobiphenyl Solution 2000 ug/ml in t-Butylmethyl ether	2050-68-2	BZ-15T5-1ML
2,2'-Dichlorobiphenyl Solution 100 ug/ml in Hexane	13029-08-8	BZ-4J1-2ML
2,3-Dichlorobiphenyl Solution 100 ug/ml in Isooctane	16605-91-7	BZ-5K1-2ML
2,3'-Dichlorobiphenyl Solution 100 ug/ml in Hexane	25569-80-6	BZ-6J1-2ML
2,4-Dichlorobiphenyl Solution 100 ug/ml in Hexane	33284-50-3	BZ-7J1-2ML
2,4'-Dichlorobiphenyl Solution 100 ug/ml in Hexane	34883-43-7	BZ-8J1-2ML
2,5-Dichlorobiphenyl Solution 100 ug/ml in Hexane	34883-39-1	BZ-9J1-2ML
2,2',3,3',4,4',5-Heptachlorobiphenyl	35065-30-6	BZ-170-5MG
2,2',3,3',4,4',6-Heptachlorobiphenyl	52663-71-5	BZ-171-5MG
2,2',3,3',4,5,6-Heptachlorobiphenyl	68194-16-1	BZ-173-5MG
2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065-29-3	BZ-180-5MG
2,2'.3.4.4'.5.6-Heptachlorobiphenyl	74472-47-2	BZ-181-5MG
2,2',3,4,4',5,6'-Heptachlorobiphenyl	60145-23-5	BZ-182-5MG
2,2',3,4,4',5',6-Heptachlorobiphenyl	52663-69-1	BZ-183-5MG
2,2',3,4,4',6,6'-Heptachlorobiphenyl	74472-48-3	BZ-184-5MG
2,2'.3.4.5'.6-Heptachlorobiphenyl	52712-05-7	BZ-185-5MG
2,2',3,4,5,6,6'-Heptachlorobiphenyl	74472-49-4	BZ-186-5MG
2,2',3,4',5,5',6-Heptachlorobiphenyl	52663-68-0	BZ-187-5MG
2,2',3,4',5,6,6'-Heptachlorobiphenyl	74487-85-7	BZ-188-5MG
2,3,3',4,4',5,5'-Heptachlorobiphenyl	39635-31-9	BZ-189-5MG
2,3,3',4,4',5,6-Heptachlorobiphenyl	41411-64-7	BZ-190-5MG
2,3,3',4,4',5',6-Heptachlorobiphenyl	74472-50-7	BZ-191-5MG
2,3,3',4,5,5',6-Heptachlorobiphenyl	74472-51-8	BZ-192-5MG
2,3,3',4',5,5',6-Heptachlorobiphenyl	69782-91-8	BZ-193-5MG
2,2',3,3',4,4',5-Heptachlorobiphenyl Solution 100 ug/ml in Hexane	35065-30-6	BZ-170J1-2ML
2,2',3,3',4,4',6-Heptachlorobiphenyl Solution 100 ug/ml in Hexane	52663-71-5	BZ-171J1-2ML
2,2',3,3',4,5,6-Heptachlorobiphenyl Solution 100 ug/ml in Hexane	68194-16-1	BZ-173J1-2ML
2,2',3,4,4',5,5'-Heptachlorobiphenyl Solution 100 ug/ml in Hexane	35065-29-3	BZ-180J1-2ML

2,2',3,4,4',5,6-Heptachlorobiphenyl Solution 100 ug/ml in Hexane	74472-47-2	BZ-181J1-2ML
2,2',3,4,4',5,6'-Heptachlorobiphenyl Solution 100 ug/ml in Hexane	60145-23-5	BZ-182J1-2ML
2,2',3,4,4',5',6-Heptachlorobiphenyl Solution 100 ug/ml in Hexane	52663-69-1	BZ-183J1-2ML
2,2',3,4,4',6-Heptachlorobiphenyl Solution 100 ug/ml in Hexane	74472-48-3	BZ-184J1-2ML
2,2',3,4,5,5',6-Heptachlorobiphenyl Solution 100 ug/ml in Hexane	52712-05-7	BZ-185J1-2ML
2,2',3,4,5,6,6'-Heptachlorobiphenyl Solution 100 ug/ml in Hexane	74472-49-4	BZ-186J1-2ML
2,2',3,4',5,5',6-Heptachlorobiphenyl Solution 100 ug/ml in Hexane	52663-68-0	BZ-187J1-2ML
2,2',3,4',5,6,6'-Heptachlorobiphenyl Solution 100 ug/ml in Hexane	74487-85-7	BZ-188J1-2ML
2,3,3',4,4',5,5'-Heptachlorobiphenyl Solution 100 ug/ml in Hexane	39635-31-9	BZ-189J1-2ML
2,3,3',4,4',5,6-Heptachlorobiphenyl Solution 100 ug/ml in Hexane	41411-64-7	BZ-190J1-2ML
2,3,3',4,4',5',6-Heptachlorobiphenyl Solution 100 ug/ml in Hexane	74472-50-7	BZ-191J1-2ML
2,3,3',4,5,5',6-Heptachlorobiphenyl Solution 100 ug/ml in Hexane	74472-51-8	BZ-192J1-2ML
2,3,3',4',5,5',6-Heptachlorobiphenyl Solution 100 ug/ml in Hexane	69782-91-8	BZ-193J1-2ML
2,2',3,3',4,4'-Hexachlorobiphenyl	38380-07-3	BZ-128-20MG
2,2',3,3',4,5-Hexachlorobiphenyl	55215-18-4	BZ-129-5MG
2,2',3,3',4,6-Hexachlorobiphenyl	61798-70-7	BZ-131-5MG
2,2',3,3',4,6'-Hexachlorobiphenyl	38380-05-1	BZ-132-5MG
2,2',3,3',5,5'-Hexachlorobiphenyl	35694-04-3	BZ-133-5MG
2,2',3,3',5,6-Hexachlorobiphenyl	52704-70-8	BZ-134-5MG
2,2',3,3',6,6'-Hexachlorobiphenyl	38411-22-2	BZ-136-20MG
2,2',3,4,4',5-Hexachlorobiphenyl	35694-06-5	BZ-137-5MG
2,2',3,4,4',5'-Hexachlorobiphenyl	35065-28-2	BZ-138-5MG
2,2',3,4,4',6-Hexachlorobiphenyl	56030-56-9	BZ-139-5MG
2,2',3,4,4',6'-Hexachlorobiphenyl	59291-64-4	BZ-140-5MG
2,2',3,4,5,5'-Hexachlorobiphenyl	52712-04-6	BZ-141-5MG
2,2',3,4,5,6-Hexachlorobiphenyl	41411-61-4	BZ-142-5MG
2,2',3,4,5,6'-Hexachlorobiphenyl	68194-15-0	BZ-143-5MG
2,2',3,4,5',6-Hexachlorobiphenyl	68194-14-9	BZ-144-5MG
2,2',3,4,6,6'-Hexachlorobiphenyl	74472-40-5	BZ-145-5MG
2,2',3,4',5,6-Hexachlorobiphenyl	68194-13-8	BZ-147-5MG
2,2',3,4',5',6-Hexachlorobiphenyl	38380-04-0	BZ-149-5MG
2,2',3,5,5',6-Hexachlorobiphenyl	52663-63-5	BZ-151-5MG
2,2',3,5,6,6'-Hexachlorobiphenyl	68194-09-2	BZ-152-5MG
2,2',4,4',5,5'-Hexachlorobiphenyl	35065-27-1	BZ-153-10MG
2,2',4,4',5',6-Hexachlorobiphenyl	60145-22-4	BZ-154-5MG
2,2',4,4',6,6'-Hexachlorobiphenyl	33979-03-2	BZ-155-10MG
2,3,3',4,4',5-Hexachlorobiphenyl	38380-08-4	BZ-156-5MG
2,3,3',4,4',5'-Hexachlorobiphenyl	69782-90-7	BZ-157-5MG
2,3,3',4,4',6-Hexachlorobiphenyl	74472-42-7	BZ-158-5MG
2,3,3',4,5,5'-Hexachlorobiphenyl	39635-35-3	BZ-159-5MG
2,3,3',4,5,6-Hexachlorobiphenyl	41411-62-5	BZ-160-5MG
2,3,3',4,5',6-Hexachlorobiphenyl	74472-43-8	BZ-161-5MG
2,3,3',4',5,6-Hexachlorobiphenyl	74472-44-9	BZ-163-5MG
2,3,3',5,5',6-Hexachlorobiphenyl	74472-46-1	BZ-165-5MG
2,3,4,4',5,6-Hexachlorobiphenyl	41411-63-6	BZ-166-5MG
2,3',4,4',5,5'-Hexachlorobiphenyl	52663-72-6	BZ-167-10MG
2,3',4,4',5',6-Hexachlorobiphenyl	59291-65-5	BZ-168-5MG
3,3',4,4',5,5'-Hexachlorobiphenyl	32774-16-6	BZ-169-5MG
2,2',3,3',4,4'-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	38380-07-3	BZ-128J1-2ML
2,2',3,3',4,5-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	55215-18-4	BZ-129J1-2ML
2,2',3,3',5,5'-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	35694-04-3	BZ-133J1-2ML
2,2',3,4,4',5-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	35694-06-5	BZ-137J1-2ML
2,2',3,4,4',5'-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	35065-28-2	BZ-138J1-2ML
2,2',3,4,4',6-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	56030-56-9	BZ-139J1-2ML
2,2',3,4,5,5'-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	52712-04-6	BZ-141J1-2ML
2,2',3,4,5,6'-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	68194-15-0	BZ-143J1-2ML
2,2',3,4,5',6-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	68194-14-9	BZ-144J1-2ML
2,2',3,4,6,6'-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	74472-40-5	BZ-145J1-2ML
2,2',3,4',5,6-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	68194-13-8	BZ-147J1-2ML
2,2',3,4',5',6-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	38380-04-0	BZ-149J1-2ML
2,2',3,5,5',6-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	52663-63-5	BZ-151J1-2ML
2,2',3,5,6,6'-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	68194-09-2	BZ-152J1-2ML
2,2',4,4',5,5'-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	35065-27-1	BZ-153J1-2ML
2,2',4,4',5',6-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	60145-22-4	BZ-154J1-2ML
2,2',4,4',6,6'-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	33979-03-2	BZ-155J1-2ML
2,3,3',4,4',5-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	38380-08-4	BZ-156J1-2ML
2,3,3',4,4',5'-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	69782-90-7	BZ-157J1-2ML
2,3,3',4,4',6-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	74472-42-7	BZ-158J1-2ML
2,3,3',4,5,5'-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	39635-35-3	BZ-159J1-2ML
2,3,3',4,5,6-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	41411-62-5	BZ-160J1-2ML
2,3,3',4,5',6-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	74472-43-8	BZ-161J1-2ML
2,3,3',4',5,6-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	74472-44-9	BZ-163J1-2ML
2,3,3',5,5',6-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	74472-46-1	BZ-165J1-2ML
2,3,4,4',5,6-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	41411-63-6	BZ-166J1-2ML
2,3',4,4',5,5'-Hexachlorobiphenyl Solution 100 ug/ml in hexane	52663-72-6	BZ-167J1-2ML
2,3',4,4',5',6-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	59291-65-5	BZ-168J1-2ML
3,3',4,4',5,5'-Hexachlorobiphenyl Solution	32774-16-6	BZ-169J1-2ML
2,2',3,3',4,6-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	61798-70-7	BZ-131J1-2ML
2,2',3,3',4,6'-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	38380-05-1	BZ-132J1-2ML
2,2',3,3',5,6-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	52704-70-8	BZ-134J1-2ML
2,2',3,4,4',6'-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	59291-64-4	BZ-140J1-2ML
2,2',3,4,5,6-Hexachlorobiphenyl Solution 100 ug/ml in Hexane	41411-61-4	BZ-142J1-2ML
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	40186-72-9	BZ-206-5MG
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	52663-79-3	BZ-207-5MG
2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	52663-77-1	BZ-208-5MG
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl Solution 100 ug/ml in Hexane	40186-72-9	BZ-206J1-2ML
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl Solution 100 ug/ml in Hexane	52663-79-3	BZ-207J1-2ML
2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl Solution 100 ug/ml in Hexane	52663-77-1	BZ-208J1-2ML

2,2',3,3',4,4',5,5'-Octachlorobiphenyl	35694-08-7	BZ-194-5MG
2,2',3,3',4,4',5,6'-Octachlorobiphenyl	52663-78-2	BZ-195-5MG
2,2',3,3',4,4',5,6'-Octachlorobiphenyl	42740-50-1	BZ-196-5MG
2,2',3,3',4,5,5',6'-Octachlorobiphenyl	68194-17-2	BZ-198-5MG
2,2',3,3',4,5,6',6'-Octachlorobiphenyl	52663-73-7	BZ-200-5MG
2,2',3,3',4,5',6,6'-Octachlorobiphenyl	40186-71-8	BZ-201-5MG
2,2',3,3',5,5',6,6'-Octachlorobiphenyl	2136-99-4	BZ-202-5MG
2,2',3,4,4',5,6,6'-Octachlorobiphenyl	74472-52-9	BZ-204-5MG
2,3,3',4,4',5,5',6'-Octachlorobiphenyl	74472-53-0	BZ-205-5MG
2,2',3,3',4,4',5,5'-Octachlorobiphenyl Solution 100 ug/ml in Hexane	35694-08-7	BZ-194J1-2ML
2,2',3,3',4,4',5,6'-Octachlorobiphenyl Solution 100 ug/ml in Hexane	52663-78-2	BZ-195J1-2ML
2,2',3,3',4,4',5,6'-Octachlorobiphenyl Solution 100 ug/ml in Hexane	42740-50-1	BZ-196J1-2ML
2,2',3,3',4,5,5',6'-Octachlorobiphenyl Solution 100 ug/ml in Hexane	68194-17-2	BZ-198J1-2ML
2,2',3,3',4,5,5',6'-Octachlorobiphenyl Solution 100 ug/ml in Hexane	52663-75-9	BZ-199J1-2ML
2,2',3,3',4,5,6',6'-Octachlorobiphenyl Solution 100 ug/ml in Hexane	52663-73-7	BZ-200J1-2ML
2,2',3,3',4,5',6,6'-Octachlorobiphenyl Solution 100 ug/ml in Hexane	40186-71-8	BZ-201J1-2ML
2,2'.3.3'.5.5'.6.6'-Octachlorobiphenyl Solution 100 ug/ml in Hexane	2136-99-4	BZ-202J1-2ML
2,2',3,4,4',5,6,6'-Octachlorobiphenyl Solution 100 ug/ml in Hexane	74472-52-9	BZ-204J1-2ML
2,3,3',4,4',5,5',6'-Octachlorobiphenyl Solution 100 ug/ml in Hexane	74472-53-0	BZ-205J1-2ML
2,2',4,4',6-Pentachlorobiphenyl	39485-83-1	BZ-100-5MG
2,2',4,5,5'-Pentachlorobiphenyl	37680-73-2	BZ-101-10MG
2,2',4,5,6'-Pentachlorobiphenyl	68194-06-9	BZ-102-5MG
2,2',4,5',6-Pentachlorobiphenyl	60145-21-3	BZ-103-10MG
2,2',4,6,6'-Pentachlorobiphenyl	56558-16-8	BZ-104-5MG
2,3,3',4,4'-Pentachlorobiphenyl	32598-14-4	BZ-105-5MG
2,3,3',4,5-Pentachlorobiphenyl	70424-69-0	BZ-106-5MG
2,3,3',4,5'-Pentachlorobiphenyl	70362-41-3	BZ-108-5MG
2,3,3',4,6-Pentachlorobiphenyl	74472-35-8	BZ-109-5MG
2,3,3',4',6-Pentachlorobiphenyl	38380-03-9	BZ-110-5MG
2,3,3',5,6-Pentachlorobiphenyl	74472-36-9	BZ-112-5MG
2,3,4,4',5-Pentachlorobiphenyl	74472-37-0	BZ-114-5MG
2,3,4,4',6-Pentachlorobiphenyl	74472-38-1	BZ-115-5MG
2,3,4,5,6-Pentachlorobiphenyl	18259-05-7	BZ-116-10MG
2,3,4',5,6-Pentachlorobiphenyl	68194-11-6	BZ-117-5MG
2,3',4,4',5-Pentachlorobiphenyl	31508-00-6	BZ-118-5MG
2,3',4,4',6-Pentachlorobiphenyl	56558-17-9	BZ-119-5MG
2,3',4,5',6-Pentachlorobiphenyl	56558-18-0	BZ-121-5MG
2',3,3',4,5-Pentachlorobiphenyl	76842-07-4	BZ-122-5MG
2',3,4,4',5-Pentachlorobiphenyl	65510-44-3	BZ-123-5MG
2',3,4,5,5'-Pentachlorobiphenyl	70424-70-3	BZ-124-5MG
3,3',4,5,5'-Pentachlorobiphenyl	39635-33-1	BZ-127-5MG
2,2',3,3',4-Pentachlorobiphenyl	52663-62-4	BZ-82-5MG
2,2',3,4,5-Pentachlorobiphenyl	55312-69-1	BZ-86-10MG
2,2',3,4,5'-Pentachlorobiphenyl	38380-02-8	BZ-87-10MG
2,2'.3.4.6-Pentachlorobiphenyl	55215-17-3	BZ-88-5MG
2,2'.3.5.6-Pentachlorobiphenyl	73575-56-1	BZ-93-5MG
2,2',3,5',6-Pentachlorobiphenyl	38379-99-6	BZ-95-5MG
2,2'.3'.4.5-Pentachlorobiphenyl	41464-51-1	BZ-97-10MG
2,2'.3'.4.6-Pentachlorobiphenyl	60233-25-2	BZ-98-5MG
2,2',4,4',5-Pentachlorobiphenyl	38380-01-7	BZ-99-5MG
3,3',4,4',5-Pentachlorobiphenyl	57465-28-8	BZ-126-5MG
2,2',4,4',6-Pentachlorobiphenyl Solution	39485-83-1	BZ-100J1-2ML
2,2',4,5,5'-Pentachlorobiphenyl Solution	37680-73-2	BZ-101J1-2ML
2,2',4,5',6-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	60145-21-3	BZ-103J1-2ML
2,2',4,6,6'-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	56558-16-8	BZ-104J1-2ML
2,3,3',4,4'-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	32598-14-4	BZ-105J1-2ML
2,3,3',4,5'-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	70362-41-3	BZ-108J1-2ML
2,3,3',4',6-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	38380-03-9	BZ-110J1-2ML
2,3,3',5,6-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	74472-36-9	BZ-112J1-2ML
2,3,4,4',5-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	74472-37-0	BZ-114J1-2ML
2,3,4,4',6-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	74472-38-1	BZ-115J1-2ML
2,3,4,5,6-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	18259-05-7	BZ-116J1-2ML
2,3',4,4',5-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	31508-00-6	BZ-118J1-2ML
2,3',4,4',6-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	56558-17-9	BZ-119J1-2ML
2,3',4,5',6-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	56558-18-0	BZ-121J1-2ML
2',3,3',4,5-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	76842-07-4	BZ-122J1-2ML
2',3,4,5,5'-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	70424-70-3	BZ-124J1-2ML
3,3',4,4',5-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	57465-28-8	BZ-126J1-2ML
3,3',4,5,5'-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	39635-33-1	BZ-127J1-2ML
2,2',3,3',4-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	52663-62-4	BZ-82J1-2ML
2,2'.3.4.5-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	55312-69-1	BZ-86J1-2ML
2,2'.3.4.5'-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	38380-02-8	BZ-87J1-2ML
2,2'.3.4.6-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	55215-17-3	BZ-88J1-2ML
2,2'.3.5.6-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	73575-56-1	BZ-93J1-2ML
2,2'.3'.4.5-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	41464-51-1	BZ-97J1-2ML
2',3,4,4',5-Pentachlorobiphenyl Solution 100 ug/ml in hexane	65510-44-3	BZ-123J1-2ML
2,2',4,5,6'-Pentachlorobiphenyl Solution	68194-06-9	BZ-102J1-2ML
2,3,3',4,6-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	74472-35-8	BZ-109J1-2ML
2,3,4',5,6-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	68194-11-6	BZ-117J1-2ML
2,2',4,4',5-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	38380-01-7	BZ-99J1-2ML
2,2'.3.5'.6-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	38379-99-6	BZ-95J1-2ML
2,2'.3'.4.6-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	60233-25-2	BZ-98J1-2ML
2,3,3',4,5-Pentachlorobiphenyl Solution 100 ug/ml in Hexane	N/A	BZ-106J1-2ML
2,2'.3.3'-Tetrachlorobiphenyl	38444-93-8	BZ-40-50MG
2,2'.3.4'-Tetrachlorobiphenyl	36559-22-5	BZ-42-5MG
2,2',4,4'-Tetrachlorobiphenyl	2437-79-8	BZ-47-50MG
2,2',4,5-Tetrachlorobiphenyl	70362-47-9	BZ-48-5MG
2,2'.4.5'-Tetrachlorobiphenyl	41464-40-8	BZ-49-50MG

2,2',4,6-Tetrachlorobiphenyl	62796-65-0	BZ-50-10MG
2,2',5,5'-Tetrachlorobiphenyl	35693-99-3	BZ-52-10MG
2,2',5,6'-Tetrachlorobiphenyl	41464-41-9	BZ-53-25MG
2,2',6,6'-Tetrachlorobiphenyl	15968-05-5	BZ-54-50MG
2,3,3',4-Tetrachlorobiphenyl	74338-24-2	BZ-55-5MG
2,3,3',5'-Tetrachlorobiphenyl	41464-49-7	BZ-58-5MG
2,3,4,4'-Tetrachlorobiphenyl	33025-41-1	BZ-60-5MG
2,3,4,5-Tetrachlorobiphenyl	33284-53-6	BZ-61-50MG
2,3,4,6-Tetrachlorobiphenyl	54230-22-7	BZ-62-5MG
2,3,5,6-Tetrachlorobiphenyl	33284-54-7	BZ-65-25MG
2,3',4,4'-Tetrachlorobiphenyl	32598-10-0	BZ-66-20MG
2,3',4,6-Tetrachlorobiphenyl	60233-24-1	BZ-69-10MG
2,3',4',5-Tetrachlorobiphenyl	32598-11-1	BZ-70-10MG
2,3',5,5'-Tetrachlorobiphenyl	41464-42-0	BZ-72-25MG
2,4,4',5-Tetrachlorobiphenyl	32690-93-0	BZ-74-5MG
2,4,4',6-Tetrachlorobiphenyl	32598-12-2	BZ-75-10MG
3,3',4,4'-Tetrachlorobiphenyl	32598-13-3	BZ-77-25MG
3,3',4,5-Tetrachlorobiphenyl	70362-49-1	BZ-78-5MG
3,3',4,5'-Tetrachlorobiphenyl	41464-48-6	BZ-79-5MG
3,3',5,5'-Tetrachlorobiphenyl	33284-52-5	BZ-80-5MG
3,4,4',5-Tetrachlorobiphenyl	70362-50-4	BZ-81-5MG
2,2',3,3'-Tetrachlorobiphenyl Solution 100 ug/ml in Hexane	38444-93-8	BZ-40J1-2ML
2,2',3,4'-Tetrachlorobiphenyl Solution 100 ug/ml in Isooctane	36559-22-5	BZ-42K1-2ML
2,2',3,5'-Tetrachlorobiphenyl Solution 100 ug/ml in Hexane	41464-39-5	BZ-44J1-2ML
2,2',4,4'-Tetrachlorobiphenyl Solution 100 ug/ml in Hexane	2437-79-8	BZ-47J1-2ML
2,2',4,5-Tetrachlorobiphenyl Solution 100 ug/ml in Isooctane	70362-47-9	BZ-48K1-2ML
2,2',4,5'-Tetrachlorobiphenyl Solution 100 ug/ml in Hexane	41464-40-8	BZ-49J1-2ML
2,2',4,6-Tetrachlorobiphenyl Solution 100 ug/ml in hexane	68194-04-7	BZ-50J1-2ML
2,2',5,5'-Tetrachlorobiphenyl Solution 100 ug/ml in Hexane	35693-99-3	BZ-52J1-2ML
2,2',5,6'-Tetrachlorobiphenyl Solution 100 ug/ml in Hexane	41464-41-9	BZ-53J1-2ML
2,2',6,6'-Tetrachlorobiphenyl Solution 100 ug/ml in Hexane	15968-05-5	BZ-54J1-2ML
2,3,3',4-Tetrachlorobiphenyl Solution 100 ug/ml in Isooctane	74338-24-2	BZ-55K1-2ML
2,3,3',5'-Tetrachlorobiphenyl Solution 100 ug/ml in Isooctane	41464-49-7	BZ-58K1-2ML
2,3,4,4'-Tetrachlorobiphenyl Solution 100 ug/ml in Hexane	33025-41-1	BZ-60J1-2ML
2,3,4,5-Tetrachlorobiphenyl Solution 100 ug/ml in Hexane	33284-53-6	BZ-61J1-2ML
2,3,5,6-Tetrachlorobiphenyl Solution 100 ug/ml in Hexane	33284-54-7	BZ-65J1-2ML
2,3',4,4'-Tetrachlorobiphenyl Solution 100 ug/ml in Hexane	32598-10-0	BZ-66J1-2ML
2,3',4,6-Tetrachlorobiphenyl Solution 100 ug/ml in Hexane	60233-24-1	BZ-69J1-2ML
2,3',4',5-Tetrachlorobiphenyl Solution 100 ug/ml in Hexane	32598-11-1	BZ-70J1-2ML
2,3',5,5'-Tetrachlorobiphenyl Solution 100 ug/ml in Hexane	41464-42-0	BZ-72J1-2ML
2,4,4',5-Tetrachlorobiphenyl Solution 100 ug/ml in Isooctane	32690-93-0	BZ-74K1-2ML
2,4,4',6-Tetrachlorobiphenyl Solution 100 ug/ml in Hexane	32598-12-2	BZ-75J1-2ML
3,3',4,4'-Tetrachlorobiphenyl Solution 100 ug/ml in Hexane	32598-13-3	BZ-77J1-2ML
3,3',4,5-Tetrachlorobiphenyl Solution 100 ug/ml in Isooctane	70362-49-1	BZ-78K1-2ML
3,3',4,5'-Tetrachlorobiphenyl Solution 100 ug/ml in Isooctane	41464-48-6	BZ-79K1-2ML
3,3',5,5'-Tetrachlorobiphenyl Solution 100 ug/ml in Hexane	33284-52-5	BZ-80J1-2ML
3,4,4',5-Tetrachlorobiphenyl Solution 100 ug/ml in Isooctane	70362-50-4	BZ-81K1-2ML
2,3,4,6-Tetrachlorobiphenyl Solution 100 ug/ml in Hexane	54230-22-7	BZ-62J1-2ML
2,2',3-Trichlorobiphenyl	38444-78-9	BZ-16-5MG
2,2',5-Trichlorobiphenyl	37680-65-2	BZ-18-25MG
2,2',6-Trichlorobiphenyl	38444-73-4	BZ-19-5MG
2,3,3'-Trichlorobiphenyl	38444-84-7	BZ-20-5MG
2,3,4-Trichlorobiphenyl	55702-46-0	BZ-21-25MG
2,3,4'-Trichlorobiphenyl	38444-85-8	BZ-22-5MG
2,3,6-Trichlorobiphenyl	58702-45-9	BZ-24-5MG
2,3',4-Trichlorobiphenyl	55712-37-3	BZ-25-5MG
2,3',5-Trichlorobiphenyl	38444-81-4	BZ-26-25MG
2,3',6-Trichlorobiphenyl	38444-76-7	BZ-27-5MG
2,4,4'-Trichlorobiphenyl	7012-37-5	BZ-28-10MG
2,4,5-Trichlorobiphenyl	15862-07-4	BZ-29-50MG
2,4,6-Trichlorobiphenyl	35693-92-6	BZ-30-50MG
2,4',5-Trichlorobiphenyl	16606-02-3	BZ-31-25MG
2',3,4-Trichlorobiphenyl	38444-86-9	BZ-33-10MG
2',3,5-Trichlorobiphenyl	37680-68-5	BZ-34-5MG
3,3',4-Trichlorobiphenyl	37680-69-6	BZ-35-5MG
3,3',5-Trichlorobiphenyl	38444-87-0	BZ-36-5MG
3,4,4'-Trichlorobiphenyl	38444-90-5	BZ-37-5MG
3,4,5-Trichlorobiphenyl	53555-66-1	BZ-38-5MG
3,4',5-Trichlorobiphenyl	33444-88-1	BZ-39-5MG
2,2',3-Trichlorobiphenyl Solution 100 ug/ml in Hexane	38444-78-9	BZ-16J1-2ML
2,2',5-Trichlorobiphenyl Solution 100 ug/ml in Hexane	37680-65-2	BZ-18J1-2ML
2,2',6-Trichlorobiphenyl Solution 100 ug/ml in Hexane	38444-73-4	BZ-19J1-2ML
2,3,3'-Trichlorobiphenyl Solution 100 ug/ml in Hexane	38444-84-7	BZ-20J1-2ML
2,3,4-Trichlorobiphenyl Solution 100 ug/ml in Hexane	55702-46-0	BZ-21J1-2ML
2,3,4'-Trichlorobiphenyl Solution 100 ug/ml in Hexane	38444-85-8	BZ-22J1-2ML
2,3,6-Trichlorobiphenyl Solution 100 ug/ml in Hexane	58702-45-9	BZ-24J1-2ML
2,3',4-Trichlorobiphenyl Solution 100 ug/ml in Hexane	55712-37-3	BZ-25J1-2ML
2,3',5-Trichlorobiphenyl Solution 100 ug/ml in Hexane	38444-81-4	BZ-26J1-2ML
2,3',6-Trichlorobiphenyl Solution 100 ug/ml in Hexane	38444-76-7	BZ-27J1-2ML
2,4,4'-Trichlorobiphenyl Solution 100 ug/ml in Hexane	7012-37-5	BZ-28J1-2ML
2,4,5-Trichlorobiphenyl Solution 100 ug/ml in Hexane	15862-07-4	BZ-29J1-2ML
2,4,6-Trichlorobiphenyl Solution 100 ug/ml in Hexane	35693-92-6	BZ-30J1-2ML
2,4',5-Trichlorobiphenyl Solution 100 ug/ml in Hexane	16606-02-3	BZ-31J1-2ML
2',3,4-Trichlorobiphenyl Solution 100 ug/ml in Hexane	38444-86-9	BZ-33J1-2ML
2',3,5-Trichlorobiphenyl Solution 100 ug/ml in Isooctane	37680-68-5	BZ-34K1-2ML
3,3',4-Trichlorobiphenyl Solution 100 ug/ml in Hexane	37680-69-6	BZ-35J1-2ML
3,3',5-Trichlorobiphenyl Solution 100 ug/ml in Hexane	38444-87-0	BZ-36J1-2ML
3,4,4'-Trichlorobiphenyl Solution 100 ug/ml in Hexane	38444-90-5	BZ-37J1-2ML

10ug/mL in Isooctane
10ug/mL in Isooctane
10ug/mL in Isooctane
100ug/mL in Isooctane
10ug/mL in Hexane

M-EUPCB1K10-1ML
M-EUPCB2K10-1ML
M-EUPCB3K10-1ML
M-EUPCB4K10-1ML
M-ISO6468PCBJ10-1ML

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Personal Care Products



Personal care or toiletries is the industry which manufactures consumer products used in personal hygiene and for beautification. Personal care includes products as diverse as lip balm, colognes, deodorant, eye liner, lip gloss, lipstick, lotion, makeup, mouthwash, pomade, perfumes, shampoo, conditioner, talcum powder, shaving cream, skin cream and toothpaste. The environmental impact of pharmaceuticals and personal care products (PPCPs) is largely speculative. PPCPs are substances used by individuals for personal health or cosmetic reasons and the products used by agribusiness to boost growth or health of livestock. PPCPs have been detected in water bodies throughout the world.

Chem Service offers an extensive line of personal care product standards and it is growing. If you do not see the compound you need, please contact us and we may be able to produce it.

Part Number	Name	CAS#	Concentration/Solvent	Size
NG-14617-1G	4-Acetamidophenol	103-90-2		1gm
N-10803-250MG	4-Allyl-2-methoxyphenol	97-53-0		250mg
S-10803M1-1ML	4-Allyl-2-methoxyphenol Solution		100ug/ml in Methanol	1mL
N-12753-10G	p-Anisyl alcohol	105-13-5		10gm
N-11106-250MG	Atrazine	1912-24-9		250mg
S-11106A1-1ML	Atrazine Solution		100ug/ml in Acetonitrile	1mL
S-11106T1-1ML	Atrazine Solution		100ug/ml in t-Butylmethyl ether	1mL
S-11106T1-5ML	Atrazine Solution		100ug/ml in t-Butylmethyl ether	5mL
N-11172-10G	Benzophenone	119-61-9		10gm
N-11181-10G	Benzyl alcohol	100-51-6		10gm
S-11181M1-1ML	Benzyl alcohol Solution		100ug/ml in Methanol	1mL
S-11181M1-5ML	Benzyl alcohol Solution		100ug/ml in Methanol	5mL
N-11182-10G	Benzyl benzoate	120-51-4		10gm
S-11182A1-1ML	Benzyl benzoate Solution		100ug/ml in Acetonitrile	1mL
S-11182J5-1ML	Benzyl benzoate Solution		2000ug/ml in Hexane	1mL
S-11182J5-5ML	Benzyl benzoate Solution		2000ug/ml in Hexane	5mL
S-11182J7-1ML	Benzyl benzoate Solution		5000ug/ml in Hexane	1mL
S-11182J7-5ML	Benzyl benzoate Solution		5000ug/ml in Hexane	5mL
NG-14619-100MG	Benzyl salicylate	118-58-1		100mg
N-11348-1G	Bronopol	52-51-7		1gm
S-11348M1-1ML	Bronopol Solution		100ug/ml in Methanol	1mL
N-10183-10G	1,3-Butanediol	107-88-0		10gm
N-10579-1G	2,3-Butanedione	431-03-8		1gm
N-11384-1G	Butylated hydroxyanisole	25013-16-5		1gm
N-11376-5G	Butyl paraben	94-26-8		5gm
N-10862-10G	4-tert-Butylphenol	98-54-4		10gm
N-11393-5G	Caffeine	58-08-2		5gm
S-11393A7-1ML	Caffeine Solution		5000ug/ml in Acetonitrile	1mL
S-11393A7-5ML	Caffeine Solution		5000ug/ml in Acetonitrile	5mL
N-11415-10G	Catechol	120-80-9		10gm
N-11447-10G	Chloroform	67-66-3		10gm

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Part Number	Name	CAS#	Concentration/Solvent	Size
S-11447M1-1ML	Chloroform Solution		100ug/ml in Methanol	1mL
S-11447M1-5ML	Chloroform Solution		100ug/ml in Methanol	5mL
NG-15757-1G	2-Chloropyridine	109-09-1		1gm
N-11464-500MG	Cholesterol	57-88-5		500mg
N-10045-100MG	1-cis-3-Chloroallyl-3,5,7-triaza-1-azonia-adamantane chloride	51229-78-8		100mg
S-10045M1-1ML	1-cis-3-Chloroallyl-3,5,7-triaza-1-azonia-adamantane chloride Solution		100ug/ml in Methanol	1mL
N-10709-10G	3-Chloro-1,2-propanediol	96-24-2		10gm
N-11468-500MG	Cinnamaldehyde	104-55-2		500mg
S-11468A1-1ML	Cinnamaldehyde Solution		100ug/ml in Acetonitrile	1mL
S-11468U1-1ML	Cinnamaldehyde Solution		100ug/ml in Toluene	1mL
N-11469-5G	Cinnamyl alcohol	104-54-1		5gm
N-11485-1G	Citral	5392-40-5		1gm
NG-11494-10G	Coal tar oil	8001-58-9		10gm
NG-14575-100MG	(-)-Cotinine	486-56-6		100mg
N-11508-10G	Coumarin	91-64-5		10gm
N-11518-2G	Cyanuric acid	108-80-5		2gm
NG-15938-10G	2,4-Diaminophenol dihydrochloride	137-09-7		10gm
N-10216-10G	1,4-Dichlorobenzene	106-46-7		10gm
S-10216M1-1ML	1,4-Dichlorobenzene Solution		100ug/ml in Methanol	1mL
S-10216M1-5ML	1,4-Dichlorobenzene Solution		100ug/ml in Methanol	5mL
N-11689-10G	Diethanolamine	111-42-2		10gm
N-11700-10G	Diethyl maleate	141-05-9		10gm
S-11706M1-1ML	Diethyl stilbestrol Solution		100ug/mL in Methanol	1mL
N-11715-10G	Diethylene glycol	111-46-6		10gm
S-11715M1-1ML	Diethylene glycol Solution		100ug/ml in Methanol	1mL
S-11715M1-5ML	Diethylene glycol Solution		100ug/ml in Methanol	5mL
N-12618-250MG	N,N-Diethyl-m-toluamide	134-62-3		250mg
S-12618A1-1ML	N,N-Diethyl-m-toluamide Solution		100ug/ml in Acetonitrile	1mL
S-12618B5-1ML	N,N-Diethyl-m-toluamide Solution		2000ug/ml in Acetone	1mL
S-12618B5-5ML	N,N-Diethyl-m-toluamide Solution		2000ug/ml in Acetone	5mL
NG-16132-1G	Dihydrocoumarin	119-84-6		1gm
N-10220-10G	1,4-Dioxane	123-91-1		10gm
S-10220M1-1ML	1,4-Dioxane Solution		100ug/ml in Methanol	1mL
S-10220M1-5ML	1,4-Dioxane Solution		100ug/ml in Methanol	5mL
N-11801-10G	Diphenylamine	122-39-4		10gm
S-11801M1-1ML	Diphenylamine Solution		100ug/ml in Methanol	1mL
S-11801M1-5ML	Diphenylamine Solution		100ug/ml in Methanol	5mL
N-10952-1G	5,5-Diphenylhydantoin	57-41-0		1gm
S-10952M1-1ML	5,5-Diphenylhydantoin Solution		100ug/ml in Methanol	1mL
S-10952M1-5ML	5,5-Diphenylhydantoin Solution		100ug/ml in Methanol	5mL
N-10682-10G	2,6-Di-tert-butyl-p-cresol	128-37-0		10gm
NG-16480-100MG	Estradiol	50-28-2		100mg
NG-16482-100MG	Estrone	53-16-7		100mg
N-11870-10G	Ethanolamine	141-43-5		10gm
N-10338-10G	2-Ethoxyethanol	110-80-5		10gm
N-10339-10G	2-Ethoxyethyl acetate	111-15-9		10gm
N-11884-10G	Ethyl acrylate	140-88-5		10gm
NG-16523-10G	Ethylenediamine dihydrochloride	333-18-6		10gm
N-11919-10G	Ethyl-p-hydroxybenzoate	120-47-8		10gm

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Part Number	Name	CAS#	Concentration/Solvent	Size
N-12012-10G	Formaldehyde (in water)	50-00-0		10gm
N-12163-250MG	Hexachlorophene	70-30-4		250mg
S-12163M1-1ML	Hexachlorophene Solution		100ug/ml in Methanol	1mL
S-12163M1-5ML	Hexachlorophene Solution		100ug/ml in Methanol	5mL
N-10831-10G	4-Hydroxybenzoic acid	99-96-7		10gm
N-10831-5G	4-Hydroxybenzoic acid	99-96-7		5gm
NG-10374-10G	2-Hydroxy-4-methoxy-benzophenone	131-57-7		10gm
NG-16835-1G	Isoeugenol	97-54-1		1gm
NG-S27-10G	Lanolin	8006-54-0		10gm
N-11560-10G	d-Limonene	5989-27-5		10gm
N-12368-10G	Melamine	108-78-1		10gm
NG-16891-1G	Merthiolate	54-64-8		1gm
N-10832-100MG	4-Methoxy-1,3-phenylenediamine	615-05-4		100mg
N-10833-500MG	4-Methoxy-1,3-phenylenediamine sulfate hydrate	123333-56-2		500mg
N-12780-10G	p-Methoxyphenol	150-76-5		10gm
NG-16982-1G	Methyl crotonate	623-43-8		1gm
NG-17185-1G	6-Methylcoumarin	92-48-8		1gm
N-10426-20MG	2-Methylisoborneol			20mg
S-10426M1-1ML	2-Methylisoborneol Solution		100ug/ml in Methanol	1mL
N-12443-10G	Methyl methacrylate	80-62-6		10gm
S-12443M1-1ML	Methyl methacrylate Solution		100ug/ml in Methanol	1mL
S-12443M1-5ML	Methyl methacrylate Solution		100ug/ml in Methanol	5mL
N-12471-2G	Methylene chloride	75-09-2		2gm
S-12471M1-1ML	Methylene chloride Solution		100ug/ml in Methanol	1mL
S-12471M1-5ML	Methylene chloride Solution		100ug/ml in Methanol	5mL
N-12466-10G	Methyl-p-hydroxybenzoate	99-76-3		10gm
S-12466M3-1ML	Methyl-p-hydroxybenzoate Solution		500ug/ml in Methanol	1mL
S-12466M3-5ML	Methyl-p-hydroxybenzoate Solution		500ug/ml in Methanol	5mL
N-12570-1G	N-Nitrosodiethylamine	55-18-5		1gm
S-12570M1-1ML	N-Nitrosodiethylamine Solution		100ug/ml in Methanol	1mL
S-12570M1-5ML	N-Nitrosodiethylamine Solution		100ug/ml in Methanol	5mL
N-12572-250MG	N-Nitrosodimethylamine	62-75-9		250mg
S-12572M1-1ML	N-Nitrosodimethylamine Solution		100ug/ml in Methanol	1mL
S-12572M1-5ML	N-Nitrosodimethylamine Solution		100ug/ml in Methanol	5mL
N-12573-1G	N-Nitrosodiphenylamine	86-30-6		1gm
S-12573G1-1ML	N-Nitrosodiphenylamine Solution		100ug/ml in Ethanol	1mL
S-12573G1-5ML	N-Nitrosodiphenylamine Solution		100ug/ml in Ethanol	5mL
N-12575-100MG	N-Nitrosomorpholine	59-89-2		100mg
S-12575M1-1ML	N-Nitrosomorpholine Solution		100ug/ml in Methanol	1mL
S-12575M1-5ML	N-Nitrosomorpholine Solution		100ug/ml in Methanol	5mL
N-12577-1G	N-Nitrosopyrrolidine	930-55-2		1gm
S-12577M1-1ML	N-Nitrosopyrrolidine Solution		100ug/ml in Methanol	1mL
S-12577M1-5ML	N-Nitrosopyrrolidine Solution		100ug/ml in Methanol	5mL
NG-S653-5G	PEG 6000 dipalmitate	25322-68-5		5gm
NG-S654-1G	PEG 6000 linolenate	25322-68-6		1gm
NG-S655-1G	PEG 6000 monolinoleate			1gm
NG-S652-5G	PEG 6000 palmitate	25322-68-4		5gm
N-13026-10G	Phenylacetoneitrile	140-29-4		10gm
N-12338-10G	m-Phenylenediamine	108-45-2		10gm
N-12791-10G	p-Phenylenediamine	106-50-3		10gm
S-10280A1-1ML	o-Phenylphenol Solution		100ug/ml in Acetonitrile	1mL

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Part Number	Name	CAS#	Concentration/Solvent	Size
NG-15639-1G	Poly(ethylene oxide)	25322-68-3		1gm
NG-17591-5G	Polyvinyl pyrrolidone PVP	9003-39-8		5gm
NG-I91-10G	Potassium bromate	7758-01-2		10gm
N-13127-10G	Propylene glycol	57-55-6		10gm
NG-17606-10G	Propyl-p-hydroxybenzoate	94-13-3		10gm
N-13149-1G	Pyrene	129-00-0		1gm
S-13149U1-1ML	Pyrene Solution		100ug/ml in Toluene	1mL
S-13149U1-5ML	Pyrene Solution		100ug/ml in Toluene	5mL
S-13149M1-5ML	Pyrene solution in methanol		100ug/ml in Methanol	5mL
S-13149M1-1ML	Pyrene solution in methanol Solution		100ug/ml in Methanol	1mL
N-13177-10G	Resorcinol	108-46-3		10gm
S-13177M1-1ML	Resorcinol Solution		100ug/ml in Methanol	1mL
S-13177M1-5ML	Resorcinol Solution		100ug/ml in Methanol	5mL
NG-I141-10G	Sodium nitrite	7632-00-0		10gm
NG-I5686-1G	Sodium perchlorate	7791-07-3		1gm
N-13245-250MG	Sulfamethazine	57-68-1		250mg
N-13247-250MG	Sulfamethoxazole	723-46-6		250mg
NG-17685-5G	Talcum	14807-96-6		5gm
N-13555-1G	Tetramethylthiuram disulfide	137-26-8		1gm
S-13555M1-1ML	Tetramethylthiuram disulfide Solution		100ug/ml in Methanol	1mL
S-13555U1-1ML	Tetramethylthiuram disulfide Solution		100ug/ml in Toluene	1mL
N-13560-1G	Thiabendazole	148-79-8		1gm
S-13560M4-1ML	Thiabendazole Solution		1000ug/ml in Methanol	1mL
S-13560M4-5ML	Thiabendazole Solution		1000ug/ml in Methanol	5mL
NG-16335-1G	trans-3,7-Dimethyl-2,6-octadien-1-ol	106-24-1		1gm
N-13613-10G	trans-4-Phenyl-3-butene-2-one	122-57-6		10gm
N-13655-1G	Trichlorofluoromethane	75-69-4		1gm
S-13655M1-1ML	Trichlorofluoromethane Solution		100ug/ml in Methanol	1mL
S-13655M1-5ML	Trichlorofluoromethane Solution		100ug/ml in Methanol	5mL
N-13667-10G	Triethanolamine	102-71-6		10gm
NG-18004-1G	Tris(hydroxymethyl)nitromethane	126-11-4		1gm
S-13748M1-1ML	Vinyl Chloride Solution		100ug/ml in Methanol	1mL
N-13750-1G	Warfarin	81-81-2		1gm
S-13750A1-1ML	Warfarin Solution		100ug/ml in Acetonitrile	1mL
S-13750U1-1ML	Warfarin Solution		100ug/mL in Toluene	1mL

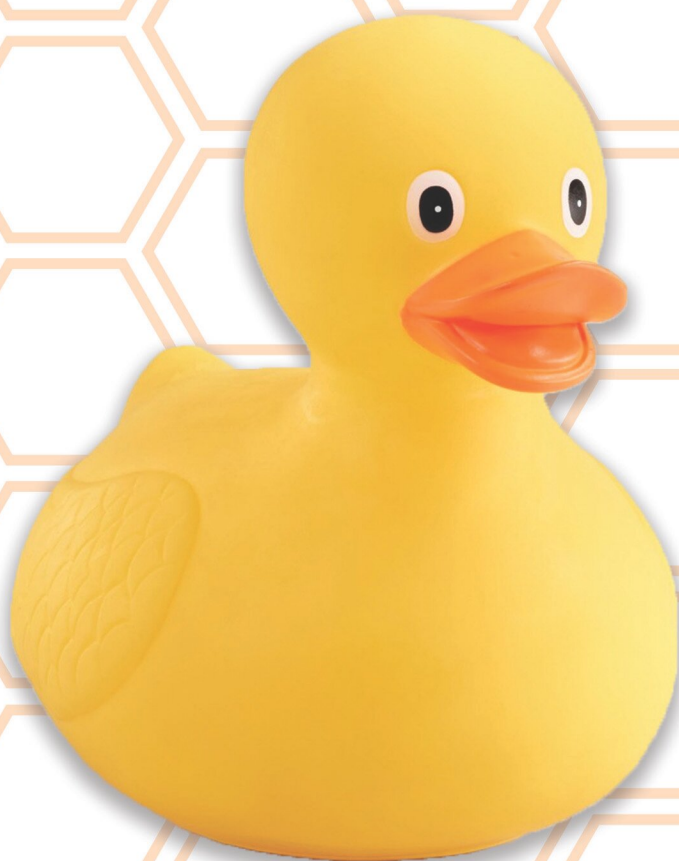
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Phthalate Standards



Phthalates are a group of compounds that are primarily used as vinyl softeners. They provide flexibility and durability to plastics that are used in many industrial and consumer products, including children's toys, food packaging, medical devices, building materials and personal care items.

Due to the high potential for exposure, these products are being monitored to determine the risk to humans and the environment. Phthalates are classified as endocrine disruptors because of their ability to interfere with the body's endocrine system and, possibly, causing birth defects, developmental defects, and cancer.

Chem Service offers an extensive line of phthalate standards and it is growing. If you do not see the compound you need, please contact us and we may be able to produce it.

name	CAS#	part number
Benzyl 2-ethylhexyl phthalate(Technical)	27215-22-1	N-11179-1G
Bis(2-ethoxyethyl)phthalate	605-54-9	N-11216-500MG
Bis(2-ethoxyethyl)phthalate Solution 1000 ug/ml in Hexane	605-54-9	S-11216J4-1ML
Bis(2-ethoxyethyl)phthalate Solution 1000 ug/ml in Hexane	605-54-9	S-11216J4-5ML
Bis(2-ethylhexyl)hexahydro phthalate	N/A	N-11223-1G
Bis(2-ethylhexyl)isophthalate	137-89-3	N-11224-1G
Bis(2-ethylhexyl)phthalate	117-81-7	N-11226-1G
Bis(2-ethylhexyl)phthalate (ring-d4)	93951-87-2	N-FD66-A-0.1G
Bis(2-ethylhexyl)phthalate (ring-d4)	93951-87-2	N-FD66-C-0.25G
Bis(2-ethylhexyl)phthalate (ring-d4) Solution 100ug/ml in n-Nonane		S-FD66S-1.2ML
Bis(2-ethylhexyl)phthalate Solution 100 ug/ml in Hexane	117-81-7	S-11226J1-1ML
Bis(2-ethylhexyl)phthalate Solution 100 ug/ml in Hexane	117-81-7	S-11226J1-5ML
Bis(2-methoxyethyl)phthalate	117-82-8	N-11304-500MG
Bis(2-methoxyethyl)phthalate Solution 2000 ug/ml in Acetonitrile	117-82-8	S-11304A5-1ML
Bis(2-methoxyethyl)phthalate Solution 2000 ug/ml in Acetonitrile	117-82-8	S-11304A5-5ML
Bis(2-methoxyethyl)phthalate Solution 1000 ug/ml in Hexane	117-82-8	S-11304J4-1ML
Bis(2-methoxyethyl)phthalate Solution 1000 ug/ml in Hexane	117-82-8	S-11304J4-5ML
Bis(2-n-butoxyethyl)phthalate	117-83-9	N-11305-1G
Bis(2-n-butoxyethyl)phthalate Solution 1000 ug/ml in Hexane	117-83-9	S-11305J4-1ML
Bis(2-n-butoxyethyl)phthalate Solution 1000 ug/ml in Hexane	117-83-9	S-11305J4-5ML
Bis(4-methyl-2-pentyl)phthalate	84-63-9	N-11309-1G
Bis(4-methyl-2-pentyl)phthalate Solution 1000ug/mL in Hexane	84-63-9	S-11309J4-1ML
Bis(4-methyl-2-pentyl)phthalate Solution 1000ug/mL in Hexane	84-63-9	S-11309J4-5ML
Bis(4-methylcyclohexyl)phthalate	18249-11-1	N-11310-1G
Bis[2-(2-ethoxyethoxy)ethyl]phthalate(Technical)	117-85-1	N-11320-1G
Butyl 2-ethylhexyl phthalate(Technical)	85-69-8	N-11356-1G
Butyl benzyl phthalate	85-68-7	N-11360-1G
Butyl benzyl phthalate (ring-d4) Solution 100ug/ml in n-Nonane		S-FD67S-1.2ML
Butyl benzyl phthalate Solution 100 ug/ml in Hexane	85-68-7	S-11360J1-1ML
Butyl benzyl phthalate Solution 100 ug/ml in Hexane	85-68-7	S-11360J1-5ML
Butyl cyclohexyl phthalate(Technical)	84-64-0	N-11364-1G
Butyl isodecyl phthalate(Technical)	42343-36-2	N-11368-1G
Butyl octyl phthalate(Technical)	84-78-6	N-11374-1G
Butyl-n-decyl phthalate(Technical)	89-19-0	N-11382-1G
Decamethylene diammonium terephthalate		NG-N70-1G
Dialkyl phthalate linear C7-C9-C11		NG-11614-1G
Diallyl phthalate	131-17-9	N-11617-1G
Diamyl phthalate	131-18-0	N-11620-500MG
Diamyl phthalate Solution 5000 ug/ml In Acetone	131-18-0	S-11620B7-1ML
Diamyl phthalate Solution 5000 ug/ml In Acetone	131-18-0	S-11620B7-5ML
Dibenzyl phthalate	523-31-9	N-11626-1G
Dibenzyl phthalate Solution 100 ug/ml in Hexane	523-31-9	S-11626J1-1ML
Dibenzyl phthalate Solution 100 ug/ml in Hexane	523-31-9	S-11626J1-5ML
Dicapryl phthalate	117-84-0	NG-11631-1G
Dicyclohexyl phthalate	84-61-7	N-11684-1G
Dicyclohexyl phthalate (ring-1,2-13C2, dicarboxyl-13C2) Solution 100ug/ml in n-Nonane		S-FC2262S-1.2ML
Dicyclohexyl phthalate Solution 2000 ug/ml in Methylene chloride	84-61-7	S-11684X5-1ML
Dicyclohexyl phthalate Solution 2000 ug/ml in Methylene chloride	84-61-7	S-11684X5-5ML
Diethyl phthalate	84-66-2	N-11704-1G
Diethyl phthalate (ring-d4) Solution 100ug/ml in n-Nonane		S-FD70S-1.2ML
Diethyl phthalate (ring-d4)		N-FD70-A-0.1G
Diethyl phthalate (ring-d4)		N-FD70-C-0.25G
Diethyl phthalate Solution 100 ug/ml in Hexane	84-66-2	S-11704J1-1ML
Diethyl phthalate Solution 100 ug/ml in Hexane	84-66-2	S-11704J1-5ML
Diethyl terephthalate	636-09-9	N-11710-1G
Diethyl terephthalate Solution 4000 ug/ml in Methylene chloride	636-09-9	S-11710X12-1ML
Diethyl terephthalate Solution 4000 ug/ml in Methylene chloride	636-09-9	S-11710X12-5ML
Diheptyl phthalate	3648-21-3	N-10124-1G
Diheptyl phthalate (Mixture of branched chain isomers)	41451-28-9	N-13834-1G
Diisoamyl phthalate	605-50-5	N-13811-1G
Diisobutyl phthalate	84-69-5	N-11728-1G
Diisobutyl phthalate Solution 2500 ug/ml in Acetone	84-69-5	S-11728B6-1ML
Diisobutyl phthalate Solution 2500 ug/ml in Acetone	84-69-5	S-11728B6-5ML
Diisodecyl phthalate	26761-40-0	N-11734-1G
Diisohexyl phthalate(Technical)	68515-50-4	N-11735-1G
Diisononyl phthalate	68515-48-0	N-11737-1G
Diisooctyl isophthalate	71850-11-8	NG-11742-1G
Diisooctyl phthalate	27554-26-3	N-11743-1G
Diisotridecyl phthalate	27253-26-5	NG-11749-1G
Dimethyl 4-nitrophthalate		NG-15827-1G
Dimethyl isophthalate	1459-93-4	N-11765-1G
Dimethyl phthalate	131-11-3	N-11770-1G
Dimethyl phthalate (ring-d4)		N-FD71-A-0.1G
Dimethyl phthalate (ring-d4) Solution 100ug/ml in n-Nonane		S-FD71S-1.2ML

name	CAS#	part number
Dimethyl phthalate Solution 100 ug/ml in Methanol	131-11-3	S-11770M1-1ML
Dimethyl phthalate Solution 100 ug/ml in Methanol	131-11-3	S-11770M1-5ML
Dimethyl phthalate Solution 100 ug/ml in Ethyl acetate	131-11-3	S-11770H1-1ML
Dimethyl phthalate Solution 100 ug/ml in Ethyl acetate	131-11-3	S-11770H1-5ML
Dimethyl terephthalate	120-61-6	N-11773-1G
Dimethyl-4-hydroxy isophthalate	5985-24-0	NG-16328-1G
Dimethyl-5-nitroisophthalate	13290-96-5	NG-16347-1G
Dimethyl-5-sulfoisophthalate sodium salt	3965-55-7	NG-16425-1G
Di-n-butyl phthalate	84-74-2	N-11589-1G
Di-n-butyl phthalate (ring-d4)		N-FD68-A-0.1G
Di-n-butyl phthalate (ring-d4)		N-FD68-C-0.25G
Di-n-butyl phthalate (ring-d4) Solution 100ug/ml in n-Nonane		S-FD68S-1.2ML
Di-n-butyl phthalate Solution 100 ug/ml in Hexane	84-74-2	S-11589J1-1ML
Di-n-butyl phthalate Solution 100 ug/ml in Hexane	84-74-2	S-11589J1-5ML
Di-n-butyl phthalate Solution 100 ug/ml in Acetonitrile	84-74-2	S-11589A1-1ML
Di-n-decyl phthalate	84-77-5	N-11592-1G
Di-n-hexyl phthalate	84-75-3	N-11596-1G
Di-n-hexyl phthalate (ring-1,2-13C2, dicarboxyl-13C2) Solution 100ug/ml in n-Nonane		S-FC2314S-1.2ML
Di-n-hexyl phthalate Solution 1000 ug/ml in Hexane	84-75-3	S-11596J4-1ML
Di-n-hexyl phthalate Solution 1000 ug/ml in Hexane	84-75-3	S-11596J4-5ML
Di-n-octyl phthalate	117-84-0	N-11601-1G
Di-n-octyl phthalate (ring-d4)		N-FD69-A-0.1G
Di-n-octyl phthalate (ring-d4) Solution 100ug/ml in n-Nonane		S-FD69S-1.2ML
Di-n-octyl phthalate Solution 100 ug/ml in Hexane	117-84-0	S-11601J1-1ML
Di-n-octyl phthalate Solution 100 ug/ml in Hexane	117-84-0	S-11601J1-5ML
Dinonyl phthalate	84-76-4	N-11785-1G
Dinonyl phthalate Solution 1000 ug/ml in Hexane	84-76-4	S-11785J4-1ML
Dinonyl phthalate Solution 1000 ug/ml in Hexane	84-76-4	S-11785J4-5ML
Di-n-pentyl phthalate (ring-1,2-13C2, dicarboxyl-13C2) Solution 100ug/ml in n-Nonane		S-FC2263S-1.2ML
Di-n-propyl phthalate	131-16-8	N-11603-1G
Di-n-propyl phthalate (ring-1,2-13C2, dicarboxyl-13C2) Solution 100ug/ml in n-Nonane		S-FC2158S-1.2ML
Di-n-propyl phthalate Solution 100 ug/ml in Acetone	131-16-8	S-11603B1-1ML
Di-n-propyl phthalate Solution 100 ug/ml in Acetone	131-16-8	S-11603B1-5ML
Diphenyl isophthalate	744-45-6	N-11796-1G
Diphenyl isophthalate Solution 100 ug/ml in Hexane	744-45-6	S-11796J1-1ML
Diphenyl isophthalate Solution 100 ug/ml in Hexane	744-45-6	S-11796J1-5ML
Diphenyl phthalate	84-62-8	N-11798-1G
Diphenyl phthalate Solution 100ug/mL in Hexane	84-62-8	S-11798J1-1ML
Diphenyl phthalate Solution 100ug/mL in Hexane	84-62-8	S-11798J1-5ML
Diphenyl terephthalate	1539-04-4	NG-16455-1G
Ditridecyl phthalate	119-06-2	N-11824-1G
Diundecyl phthalate	3648-20-2	N-11826-1G
Dodecamethylene diammonium terephthalate		NG-N90-1G
2-Ethylhexyl isodecyl phthalate(Technical)	68515-52-6	N-10353-1G
Heptamethylene diammonium terephthalate		NG-N100-1G
Hexamethylene diammonium terephthalate		NG-N200-1G
Hexyl 2-ethylhexyl phthalate Solution 1000 ug/ml in Hexane	75673-16-4	S-12177J4-1ML/5ML
Hexyl 2-ethylhexyl phthalate(Technical)	75673-16-4	N-12177-1G
n-Hexyl decyl phthalate(Technical)	25724-58-7	N-12553-1G
Hexyl isodecyl phthalate(Technical)	61702-81-6	N-12181-1G
Hexyl isoocetyl phthalate		NG-12182-1G
Isobutyl cyclohexyl phthalate		NG-12235-1G
Isodecyl isotridecyl phthalate (Technical)	85168-77-0	N-12933-1G
Isohexylbenzyl phthalate(Technical)	N/A	N-12252-1G
Isooctyl benzyl phthalate		NG-12255-1G
Isooctyl isodecyl phthalate		NG-12258-1G
Lead phthalate (dibasic)	17976-43-1	NG-12312-1G
Lithium terephthalate	42596-02-1	NG-I3915-1G
Modified glycerol phthalate resin	N/A	NG-S245-1G
Monobutyl phthalate	131-70-4	N-12490-500MG
Monomethyl tetrachloroterephthalate	887-54-7	MET-11462A-100MG
Nonamethylene diammonium terephthalate		NG-N240-1G
Octyl isodecyl phthalate(Technical)	1330-96-7	N-12721-1G
n-Octyl-n-decyl phthalate(Technical)	119-07-3	N-12586-1G
Phenyl mercuric phthalate	84-70-8	N-13016-100MG
Phenyl mercuric phthalate Solution 100 ug/ml in Acetonitrile	84-70-8	S-13016A1-1ML
Phenyl mercuric phthalate Solution 100 ug/ml in Toluene	84-70-8	S-13016U1-1ML
Polyvinyl hydrogen phthalate	N/A	NG-17590-1G
Sodium phthalate	827-27-0	NG-I5745-1G
Undecyl dodecyl phthalate (Technical)	68515-47-9	N-12935-1G
m-Xylylene diammonium isophthalate		NG-N350-1G
m-Xylylene diammonium terephthalate		NG-N360-1G

name

CAS#

part number

100ug/mL in Hexane (6 components)		M-PPP6J1-1ML
2000ug/mL in Hexane (6 components)		M-CSHC3J5-1ML
Varied Concentration in Acetone - (6 components)		M-CSM8060B99-1ML
1000ug/mL in Isooctane - (16 components)		M-PT80611K4-1ML
100ug/mL in Methanol (2 components)		M-CS8061A1M1-1ML
Varied concentration in Acetone (2 components)		M-CS8061A3B99-1ML
1000ug/mL in Isooctane (16 components)		M-CS8061A2K4-1ML
500ug/mL in Acetone (3 components)		M-CS8061A4B3-1ML

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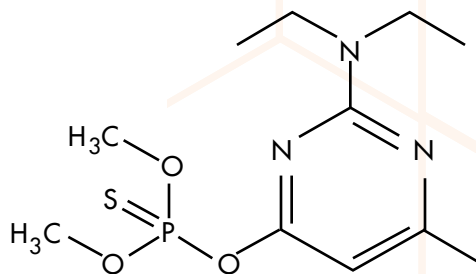
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PIRIMIPHOS AND ITS METABOLITES

Pirimiphos-Methyl

Pirimiphos-methyl is a phosphorothioate (any compound formally derived from a phosphate by replacing one or more oxygen atoms with sulfur) used as an insecticide. It was originally developed by Imperial Chemical Industries Ltd., now Syngenta, in 1967. This is used for the control of insects and mites on food crops and flowers/ornamentals. It is also used on stored grain products.

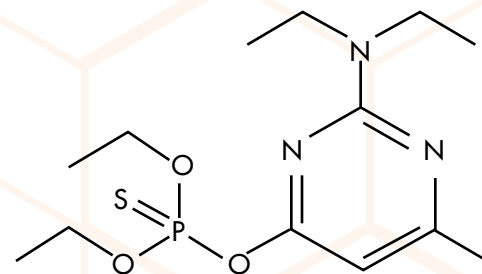


Pirimiphos-Methyl



Pirimiphos-Ethyl

Pirimiphos-ethyl is similar to pirimiphos-methyl. The difference is that the methyl groups on the oxygen atoms are replaced by ethyl groups. Pirimiphos-ethyl is an insecticide used for control of Diptera and Coleoptera soil pests and other foliar pests on fruit, field crops, ornamentals, turf, vegetables, etc. First introduced by ICI Plant Protection Division.

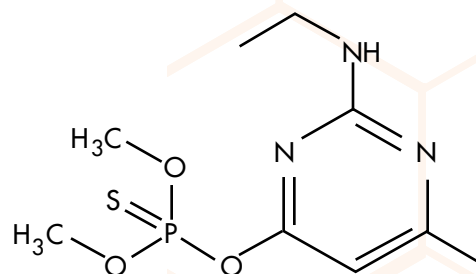


Pirimiphos-Ethyl

Metabolites

Pirimiphos-Methyl-N-desethyl

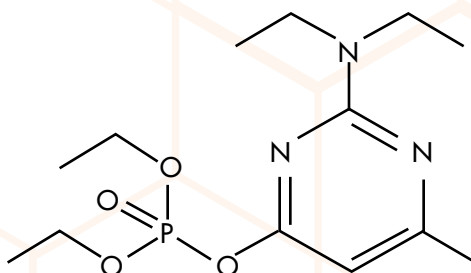
An organophosphorus metabolite of Pirimiphos-methyl used in environmental and food contamination studies.



Pirimiphos-Methyl-N-desethyl

Pirimiphos-Ethyl-Oxon

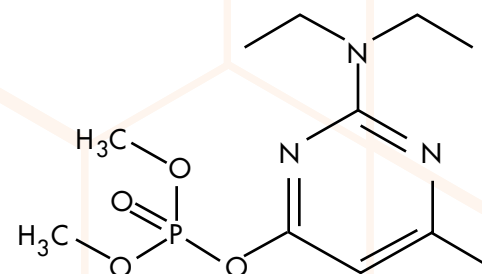
Pirimiphos-ethyl-oxon is an organophosphorus metabolite of Pirimiphos-ethyl used as a contaminant standard in the food and environmental industries.



Pirimiphos-Ethyl-Oxon

Pirimiphos-Methyl-Oxon

Pirimiphos-methyl-oxon is an organophosphorus oxidative metabolite of Pirimiphos-methyl used as a contaminant standard in the food and environmental industries.



Pirimiphos-Methyl-Oxon

Product Name	Formula	Uses	CAS #	Catalog #
Pirimiphos-Methyl	C ₁₁ H ₂₀ N ₃ O ₃ PS	Insecticide, Acaricide	29232-93-7	N-13064-250MG
Pirimiphos-Ethyl	C ₁₃ H ₂₄ N ₃ O ₃ PS	Insecticide	23505-41-1	N-13063-250MG
Pirimiphos-Methyl-N-desethyl	C ₉ H ₁₆ N ₃ O ₃ PS	Pesticide Metabolite	67018-59-1	MET-13064D-100MG
Pirimiphos-Ethyl-Oxon	C ₁₃ H ₂₆ N ₃ O ₄ P	Pesticide Metabolite	36378-61-7	MET-13063A-250MG
Pirimiphos-Methyl-Oxon	C ₁₁ H ₂₀ N ₃ O ₄ P	Pesticide Metabolite	64709-45-1	MET-13064B-250MG
Pirimiphos-Methyl Solution	C ₁₁ H ₂₀ N ₃ O ₃ PS	Insecticide, Acaricide	29232-93-7	S-13064A1-1ML
Pirimiphos-Methyl Solution	C ₁₁ H ₂₀ N ₃ O ₃ PS	Insecticide, Acaricide	29232-93-7	S-13064U1-1ML
Pirimiphos-Ethyl Solution	C ₁₃ H ₂₄ N ₃ O ₃ PS	Insecticide	23505-41-1	S-13063U1-1ML

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Vitamin Standards



Since the middle of the 20th century, vitamins have been produced as commodity chemicals and made widely available as inexpensive semi-synthetic and synthetic-source multivitamin dietary and food supplements and additives. An organic chemical compound (or related set of compounds) is called a vitamin when it cannot be synthesized in sufficient quantities by an organism, and must be obtained from the diet. This includes essential nutrients, dietary minerals, essential fatty acids, or essential amino acids, many of which are offered by Chem Service. There have been mixed studies on the importance and safety of dietary supplementation. Most countries place dietary supplements in a special category under the general umbrella of foods, not drugs. This necessitates that the manufacturer, and not the government, be responsible for ensuring that its dietary supplement products are safe before they are marketed causing the regulation of supplements varies widely by country.

Chem Service offers an extensive range of vitamin standards and this list is growing. If you do not see the compound you need, please contact us and we may be able to produce it.

name	CAS#	part number
DL-6,8-Thioctic acid	1077-28-7	N-V5-250MG
Folic acid	59-30-3	N-V24-1G
Pyridoxal hydrochloride	65-22-5	N-V2-500MG
Pyridoxamine dihydrochloride monohydrate	524-36-7	N-V3-100MG
Sodium ascorbate	134-03-2	N-V4-1G
Vitamin A palmitate	79-81-2	N-V6-1G
Vitamin B1 hydrochloride	67-03-8	N-V7-1G
Vitamin B1 mononitrate	532-43-4	N-V8-1G
Vitamin B12	68-19-9	N-V14-100MG
Vitamin B2	83-88-5	N-V9-1G
Vitamin B-5 [Calcium pantothenate]	137-08-6	N-V11-1G
Vitamin B6	65-23-6	N-V12-1G
Vitamin B6 hydrochloride	58-56-0	N-V13-1G
Vitamin D2	50-14-6	N-V17-100MG
Vitamin E	10191-41-0	N-V19-100MG
Vitamin E acid succinate	4345-03-3	N-V20-1G
Vitamin H	58-85-5	N-V21-100MG
Vitamin K1	84-80-0	N-V22-100MG
Vitamin K3	58-27-5	N-V23-1G

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