

CERTIFIED
REFERENCE
MATERIALS

PESTICIDE STANDARDS



ORGANIC

SPEX CertiPrep is the industry leader for over 50 years in the CRM marketplace meeting the needs of laboratories worldwide with innovation and research.



There are hundreds of commercial pesticides in use in the world today. From algacides to virucides, pesticides are used in large quantities in industrial and private agriculture. The concern over human pesticide exposure over the past few decades has led to increased monitoring and oversight of these chemicals, so it is essential that testing labs have accurate standard mixes to measure the pesticide levels in the environment. At SPEX CertiPrep, we help streamline your testing process by creating pre-made standards to suit your needs. Several stock pesticide mixes are readily available, along with a large list of over 4,000 individual compounds. In addition, custom pesticide blends can be manufactured to your specifications.



■ SPEXOrganics Pesticide Standards can be used with the following instrumentations:

- GC, Gas Chromatography (FID, ECD, PID, TCD).
- GC/MS, Gas Chromatography - Mass Spectrometry (EI, CI)
- HPLC, High Performance Liquid Chromatography
- HPLC/MS, High Performance Liquid Chromatography - Mass Spectrometry
- GC/MS, Gas Chromatography – MS – MS
- HPLC, High Performance Liquid Chromatography – MS – MS

■ Features of SPEXOrganics

- Over 2,000 different single-component standards available in concentrations of 100 and 1,000 µg/mL. Custom standards at higher or lower concentrations are also available.
- Standards packaged in 1.2mL ampules, up to 1L bottles.
- Wide selection of stock multi-component standards available. Visit our website for further details.
- Concentration of components guaranteed.
- Stability of each standard guaranteed.
- Isotopically labeled standards available for Internal Standard, Surrogate and Isotope Dilution analysis.
- Custom packaging readily available.
- Custom blends manufactured upon request based on your individual needs.



■ UL and A2LA Stamp of Approval

- Quality system complies with ISO 9001:2008 — Registered with UL.
- Standards manufactured to meet the requirements of ISO 17025:2005 and ISO Guide 34-2000 — Accredited by A2LA.

■ Value of SPEXOrganics

- SPEX CertiPrep provides the highest-quality standards available.
- Impurities in standard are assessed by GC/MS to ppm levels and outlined in our Certificate of Analysis.
- Uncertainty of standard is reported on the Certificate of Analysis.
- Weights used are traceable to NIST.
- Manufactured by chemists having an average of 20 years of experience to ensure highest quality.

SPEX CertiPrep®

Inorganic & Organic Certified Reference Materials

PESTICIDE Standards

Alternate High Conc Analyte Mix Part #: 625-PH Matrix: Benzene Volume: 1mL

Conc. (µg/mL)	Compound
2000 µg/ml	Aldrin
2000 µg/ml	alpha-BHC
2000 µg/ml	beta-BHC
2000 µg/ml	p,p'DDD
2000 µg/ml	p,p'DDE
2000 µg/ml	delta-BHC
2000 µg/ml	Dieldrin
2000 µg/ml	p,p'DDT
2000 µg/ml	Endosulfan I
2000 µg/ml	Endosulfan II
2000 µg/ml	Endosulfan sulfate
2000 µg/ml	Endrin
2000 µg/ml	Endrin aldehyde
2000 µg/ml	Endrin ketone
2000 µg/ml	gamma-BHC
2000 µg/ml	Heptachlor
2000 µg/ml	Heptachlor epoxide (Isomer B)
2000 µg/ml	Methoxychlor

Ready-Prep 91 - SOW Matrix Spike

Part #: CLPP-MS91H

Matrix: Methanol Volume: 1mL

Conc. (µg/mL)	Compound
500 µg/ml	Aldrin
1000 µg/ml	Dieldrin
1000 µg/ml	p,p'-DDT
1000 µg/ml	Endrin
500 µg/ml	gamma-BHC
500 µg/ml	Heptachlor

Can't find the standard you're looking for?

At SPEX CertiPrep® we stock thousands of high purity compounds for use in organic reference materials. These compounds are available as single component standards, blends, or custom solutions. SPEX CertiPrep can custom make any standard in any combination.

Call your local sales representative for more information.

Method 505 Organohalide Pesticide Mix Part #: 505-A Matrix: Acetone Volume: 1mL

Conc. (µg/mL)	Compound
50 µg/ml	Alachlor
5 µg/ml	Aldrin
250 µg/ml	Atrazine
5 µg/ml	alpha-Chlordane
10 µg/ml	Dieldrin
10 µg/ml	Endrin
5 µg/ml	gamma-BHC
5 µg/ml	gamma-Chlordane
5 µg/ml	Heptachlor
5 µg/ml	Heptachlor epoxide (Isomer B)
5 µg/ml	Hexachlorobenzene
15 µg/ml	Hexachlorocyclopentadiene
50 µg/ml	Methoxychlor
10 µg/ml	cis-Nonachlor
10 µg/ml	trans-Nonachlor
500 µg/ml	Simazine

3/90 - SOW Surrogate Spike

Part #: CLPP-S90

Matrix: Acetone Volume: 1mL

Conc. (µg/mL)	Compound
200 µg/ml	2,4,5,6-Tetrachloro-m-xylene
200 µg/ml	Decachlorobiphenyl

SPEX CertiPrep®



Your Science is Our Passion®

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