



Since 1954, SPEX CertiPrep has manufactured superior quality Certified Reference Materials (CRM) for spectroscopy and chromatography. We have a full line of CRMs for many types of instrumentation, including AA, ICP, ICP-MS, IC, GC, GC/MS, HPLC, and LC/MS. Our products are used in laboratories around the world. For over fifty years, we have built our reputation by providing chemists, analysts and environmental scientists products that exhibit Quality, Reliability and Convenience! Your Science is Our Passion.®

#### UL and A2LA Stamp of Approval:

- Quality System complies with ISO 9001:2008 - Certified by UL-DQS
- Standards manufactured to meet the requirements of ISO 17025:2005 and ISO Guide 34-2009 - Accredited by A2LA

#### SPEXOrganics can be used with the following instrumentation:

- GC, Gas Chromatography (FID, ECD)
- GC/MS, Gas Chromatography-Mass Spectrometry (EI, CI)
- HPLC, High Performance Liquid Chromatography
- LC/MS, Liquid Chromatography-Mass Spectrometry

#### Features of SPEXOrganics:

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

#### Value of SPEXOrganics:

- SPEX CertiPrep provides the highest quality standards available
- Impurities 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 experience to ensure highest quality



# SPEX CertiPrep offers a full range of Organic Certified Reference Materials



## Pharmaceutical Residual Solvent Standards

In the pharmaceutical industry, the guidelines set by the International Conference on Harmonization (ICH) and by United States Pharmacopeia (USP) and European Pharmacopeia (EP) mandate that manufacturing solvents have to be regulated due to their toxic and/or environmentally hazardous nature. For this industry, SPEX CertiPrep has created Pharmaceutical Residual Solvent Certified Reference Materials.

## Biodiesel Standards

Biodiesel is fast becoming an environmentally-friendly alternative to petroleum sources. This fuel source is obtained by esterification of oils derived from plants or animals. To meet the demands of this industry, SPEX CertiPrep offers Biodiesel Certified Reference Materials designed to save time and money by eliminating the need to prepare in-house standards.

## Pesticide Standards

The concern over human pesticide exposure over the past few decades has led to increased monitoring and oversight of these chemicals. 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.

## Bisphenol-A (BPA) and Phthalate Standards

Bisphenol-A (BPA) can be found in various products including toys, bottles, and epoxy resins. Concerns have grown regarding the safety of BPA and its potential health effects which include reproductive and genetic effects. Phthalates are primarily used in the production of plastic compounds and plastic containing products. Studies have linked phthalates to childhood asthma, reproductive disorders, diabetes, obesity, and genetic effects. SPEX CertiPrep offers a full line of BPA and phthalate standards.

## SPEX CertiPrep IQ Custom Standard Kits

Instrument validation is an important part of your laboratory routine. SPEX CertiPrep's Operational Quantification and Performance Verification (OQ/PV) program is designed to perform system tests, report the results, and document whether or not the instrument meets the specified criteria.

## US EPA Drinking Water Methods

SPEX CertiPrep offers Certified Reference Materials for US EPA Drinking Water Methods 521, 525, 527, 529, and 535. Drinking Water Laboratories use these methods to determine levels of nitrosamines (Method 521), organic compounds (Method 525), selected pesticides and flame-retardant compounds (Method 527), explosives and related compounds (Method 529), and chloroacetanilide and other acetamide herbicide degradates (Method 535) in drinking water.

## SPEX CertiPrep Consumer Safety Compliance Standards

New regulations are constantly being enacted to protect consumers from a variety of potentially dangerous chemicals and elements. SPEX CertiPrep's phthalates in polyethylene QC standard, CRM-PE001, and polyethylene blank, CRM-PEBLK, are designed to test for harmful phthalates in children's toys and other plastics.

## Custom Standards/Packaging

If you do not see any stock product that suits your needs, our chemists can prepare custom standards to meet your exact laboratory needs. Just send us your list of analytes, concentrations, and matrix and our laboratory will confirm compatibility and stability. For further information please contact our sales department at 1-800-LAB-SPEX ext. 444, email us at [crmsales@spexcsp.com](mailto:crmsales@spexcsp.com), or submit your request right from our website at [www.spexcertiprep.com/customorganics](http://www.spexcertiprep.com/customorganics).



**Instrument  
Solutions**  
*Technology for Your Success!*