

CERTIFIED
REFERENCE
MATERIALS



SPEXInorganics

You have options with SPEXInorganics Standards! Choose the best product for your ICP or ICP-MS analysis!



Use this easy-to-read chart to decide which SPEX CertiPrep product best fits your needs.

INORGANIC

The Value of SPEX CertiPrep:

Our 60 year history of providing CRMs that exceed our customer's expectations stems from our passion for science and dedication to the analytical community. We will produce only the highest quality standards, and guarantee the best and most reliable customer support in the industry.

Markets Served:

Environmental • Industrial
Chemical • Government
Academia • Pharmaceutical
Food and Agriculture



Accredited by A2LA for ISO 17025 and Guide 34, and Certified by UL-DQS for ISO 9001.

	ASSURANCE®	CLARITAS PPT®
Designed for Use With	AA/ICP	ICP/ICP-MS
Analytical Range for Use	PPM, PPB	PPB, PPT
Single Standards:	✓	✓
1 µg/mL		✓
10 µg/mL		✓
1,000 µg/mL	✓	✓
10,000 µg/mL	✓	
Multi-Element Standards	✓	✓
Custom Standards	✓	✓
Certifications:		
ISO 9001	✓	✓
ISO 17025	✓	✓
ISO Guide 34	✓	✓
Quality:		
Traceable by NIST SRM	✓	✓
Acid Grade	High Purity	Ultra High Purity
# Trace Impurities Measured on Certificate of Analysis	68	68
Trace Impurities Measured to	µg/mL	µg/L

Calibrate with Confidence®

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SPEX CertiPrep®

Your Science is Our Passion.®

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SPEX Europe is a trading name of SPEX CertiPrep Ltd.

SPEXInorganics Product Offerings

ICP Grade Standards

AA and ICP Assurance® Grade Standards are available in single and multi-element formulations. Over 70 single-element standards are available at 1,000 or 10,000 ug/mL. Multi-element standards, include: calibration test solutions, instrument performance standards, drinking water metals, and interference check standards.

ICP-MS Grade Standards

ICP-MS Claritas® Grade Standards are designed for ICP-MS analysis, and can also be used for ICP-OES analysis. They are available in single and multi-element formulations. The standards are available at 1 or 1,000 ug/mL and are packaged in 125 mL bottles to minimize contamination. They are made using high purity acids, the highest grade starting materials, and high purity water to minimize potential contaminants. A one-step dilution to PPB levels reduced dilution errors.

Speciation Standards

Speciation analysis cover many areas including environmental protection, and the food and drug administration. To analyze species in a sample requires Certified Reference Materials for sample verification and method validation. SPEX CertiPrep is proud to offer speciation standards verified on our state of the art LC-ICP-MS.

Ion Chromatography Standards

Ion chromatography is an analytical process for the separation of ions based on charge affinity. IC can be used for a variety of different kinds of charged molecules from large proteins to amino acids. In order to assure accurate analysis, quality standards which are traceable and stable are necessary. SPEX CertiPrep offers the highest quality IC standards available for the analytical laboratory.

Fusion Fluxes & Additives

SPEX CertiPrep's has a line of Pure and Ultra-Pure Fusion Fluxes and Additives. Both lines are made from a "Micro Bead" formula to ensure the exact same ratio of components in each bead with no harmful dust to clog your instruments. The Ultra-Pure line is 99.998% pure. To maintain a high-level of consistency and quality, each batch is made to be exactly identical with no detectable lot to lot variation.

Organometallic Oil Standards

SPEX CertiPrep offers a wide range of Organometallic Oil Standards both single and multi-element blends. They come in convenient 50 or 100 gram sizes in a transparent matrix. Guaranteed stable and accurate!

CLP Standards

Our CLP Standards are used in conjunction with the Statement of Work for Inorganic Analysis; Multi-Media/Multi-Concentration Document Number ILM05.3/ISM 01.2.



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