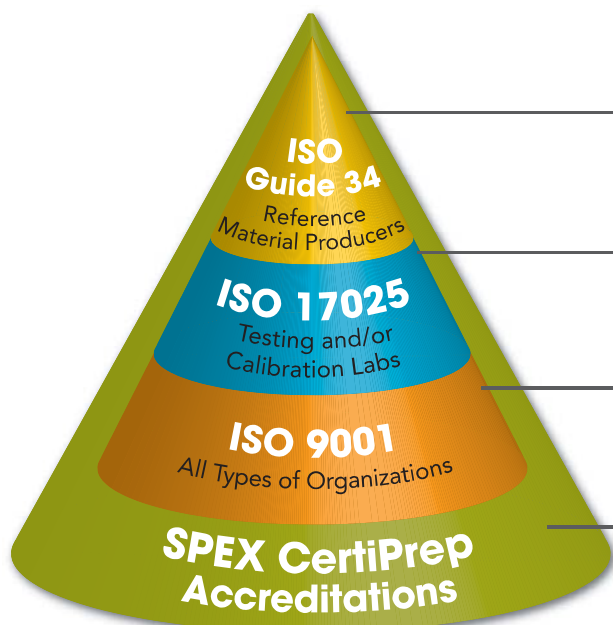


# Quality

## Calibrate with Confidence®



**Level 3** - Accredited by the A2LA as an ISO/IEC Guide 34:2000 Certified **Inorganic and Organic** Reference Material Producer

**Level 2** - Accredited by the A2LA as an ISO/IEC 17025:2005 Certified Chemical Testing Laboratory

**Level 1** - Certified by UL DQS as an ISO 9001:2000 facility for our Quality Management System

**Your Science is Our Passion®** We have the **most comprehensive scope** in the industry!

### Reference Materials of the Highest Quality - How Can We Prove It?

To ensure the validity of results from today's high-performance instrumentation, SPEX CertiPrep has developed an extensive line of the highest quality chemical reference materials. How can we prove it? The International Standard Organization (ISO) has established a set of guidelines designed to define common business practices, increase responsibility, and ensure clarity and full disclosure in the industry. As depicted in the diagram above, there are three levels of ISO certification that are most relevant for reference material manufacturers – ISO 9001, ISO 17025 and ISO Guide 34.

Each level has its own set of internationally recognized criteria against which companies are formally measured. Moving toward the top of the cone, each level is more difficult to achieve and fewer companies are able to meet the required criteria. SPEX CertiPrep is proud to be accredited for all three. By taking the extra step of choosing to demonstrate our competence and comply with these standards, we are continuously proving that our tests and calibration results are technically competent and our products truly are of the highest quality.

### Three Levels of ISO Accreditation in Short and What They Mean to Our Customers

**ISO 9001**

- Open to all Types of Organizations
- Written Procedures
- Documented Complaints

**Customer Satisfaction**

**ISO 17025**

- Specifically for Organizations Carrying Out Testing and/or Calibrations
- Competent at Quality Related Tests
- Consistent Manufacturing

**Technically Sound Products**

**ISO Guide 34**

- Specifically for Reference Material Producers
- Validate Methods to Prove Accuracy
- Report Uncertainty and Sources of Error

**Traceable & Accurate Reference Materials**

Every accredited manufacturer of Certified Reference Materials supplies a certificate of analysis with their product. ISO Guide 31 for ISO Guide 34 outlines the information required for a Certificate of Analysis. In order to comply with the ISO standard, an accredited CRM manufacturer must supply more than a dozen informational and analytical values such as certifying bodies, material descriptions, intended use, instructions for use, homogeneity, stability, certified values and their uncertainties and traceability. Not all COAs are alike. SPEX CertiPrep® has been supplying some of the most comprehensive certificates of analysis in the CRM industry for years. Our certificates are easy to read and have all the information an analyst would need to use our standards. We have highlighted why our certificate is one of the best and what you should look for in a certificate of analysis.



SPEX CertiPrep is accredited by A2LA for Organic and Inorganic Certified Reference Materials as complying with the requirements of ISO/IEC 17025 and ISO/IEC Guide 34 with the most comprehensive scope in the industry.

Includes factors associated with manufacturing process as well as homogeneity and stability.

Compound purity taken into account when determining certified concentration.

Purity of starting material verified in our laboratory.

Instrument verification on all standards

Traceable to NIST

Signed by SPEX CertiPrep's Vice President of Manufacturing and Quality Officer.