Quality
Calibrate with Confidence®

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

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<th>ISO 9001</th>
<th>ISO 17025</th>
<th>ISO Guide 34</th>
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| - Open to all Types of Organizations  
- Written Procedures  
- Documented Complaints | - Specifically for Organizations Carrying Out Testing and/or Calibrations  
- Competent at Quality Related Tests  
- Consistent Manufacturing | - Specifically for Reference Material Producers  
- Validate Methods to Prove Accuracy  
- Report Uncertainty and Sources of Error |

Customer Satisfaction  
Technically Sound Products  
Traceable & Accurate Reference Materials
As you know, every manufacturer of Certified Reference Materials supplies a certificate of analysis with their product. Not all certificates are alike. We know because SPEX CertiPrep® has been supplying the most comprehensive certificate in the industry for years. Many other companies have followed, but no one gives you the information you get from us. We have highlighted why our certificate is 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.

68 elements are scanned with found values for Claritas PPT® and Assurance® Standards.

Each elemental impurity listed with actual value - not limited to elements above detection limits.

Trace impurities of the final solution - not of the starting material.

Stability and accuracy of the final solution - not the starting materials.

Traceable to NIST

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

Stamped with month and year of shipment.