

Speciation

Analytical Standards for Single & Dual Speciation Analysis

Speciation analysis has become common in many testing fields, including in the environmental, food and pharmaceutical testing labs. To analyze species in a sample requires Certified Reference Materials (CRMs) for sample verification and method validation. Many speciation standards are available in today's market, but most of them are not certified or analyzed with a state-of-the-art ICP, ICP-MS or LC-ICP-MS. SPEX CertiPrep offers a wide variety of speciation standards, certified to the strictest ISO Guide 34 guidelines, and tested on our own LC-ICP-MS.

For additional product information, please visit www.spexcertiprep.com/knowledge-base/speciation.

Single Speciation Standards

| Description | Concentration | Volume | Matrix | Part # |
|---|---------------|--------|---------------------|-----------|
| Assurance Grade Arsenic (+3) Speciation Standard | 1,000 µg/mL | 125 mL | 2% HCl | SPEC-AS3 |
| Assurance Grade Arsenic (+3) Speciation Standard | 1,000 µg/mL | 30 mL | 2% HCl | SPEC-AS3M |
| Assurance Grade Arsenic (+5) Speciation Standard | 1,000 µg/mL | 125 mL | H ₂ O | SPEC-AS5 |
| Assurance Grade Arsenic (+5) Speciation Standard | 1,000 µg/mL | 30 mL | H ₂ O | SPEC-AS5M |
| Assurance Grade Chromium (+3) Speciation Standard | 1,000 µg/mL | 125 mL | 2% HNO ₃ | SPEC-CR3 |
| Assurance Grade Chromium (+3) Speciation Standard | 1,000 µg/mL | 30 mL | 2% HNO ₃ | SPEC-CR3M |
| Assurance Grade Chromium (+6) Speciation Standard | 1,000 µg/mL | 125 mL | H ₂ O | SPEC-CR6 |
| Assurance Grade Chromium (+6) Speciation Standard | 1,000 µg/mL | 30 mL | H ₂ O | SPEC-CR6M |
| Assurance Grade Selenium (+4) Speciation Standard | 1,000 µg/mL | 125 mL | 2% HNO ₃ | SPEC-SE4 |
| Assurance Grade Selenium (+4) Speciation Standard | 1,000 µg/mL | 30 mL | 2% HNO ₃ | SPEC-SE4M |
| Assurance Grade Selenium (+6) Speciation Standard | 1,000 µg/mL | 125 mL | H ₂ O | SPEC-SE6 |

Organic Arsenic Speciation Standards

| Description | Concentration | Volume | Matrix | Part # |
|-------------------------------------|---------------|--------|------------------|-------------|
| Dimethylarsinic Acid Sodium Salt | 10 µg/mL | 30 mL | H ₂ O | SPEC-AS-DMA |
| Disodium Methylarsonate Hexahydrate | 10 µg/mL | 30 mL | H ₂ O | SPEC-AS-MMA |

CERTIFIED REFERENCE MATERIALS

SPEX CertiPrep is the industry leader for over 60 years in the CRM marketplace meeting the needs of laboratories worldwide with innovation and research. Accredited by A2LA to ISO/IEC 17025:2005 & ISO Guide 34:2009. Certified by UL-DQS, ISO 9001:2008.

