



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Absolute Standards, Inc.
44 Rossotto Drive
Hamden, CT 06514

Fulfills the requirements of

ISO 17034:2016

In the field of

REFERENCE MATERIAL PRODUCER

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

Jason Stine, Vice President

Expiry Date: 02 May 2025

Certificate Number: AR-1539



This reference material producer is accredited in accordance with the recognized International Standard ISO 17034:2016.
This accreditation demonstrates technical competence for a defined scope and the operation of a reference material producer
quality management system.

SCOPE OF ACCREDITATION TO ISO 17034:2016

Absolute Standards, Inc.

44 Rossotto Drive
Hamden, CT 06514
Stephen Arpie 800-368-1131

REFERENCE MATERIAL PRODUCER

Valid to: **May 2, 2025**

Certificate Number: **AR-1539**

Chemical

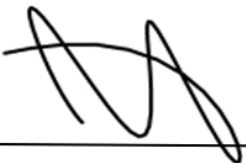
Type of Reference Material	Description of the Reference Material Matrix or Artifact including the Property-Properties Characterized	Method or Techniques Used by the RMP Laboratory to Determine the Assigned Value (if Appropriate)
Certified Reference Material	<p style="text-align: center;">High Purity Metals</p> <p>Single and Multi-component Inorganic Materials in Solution</p> <p>Single Inorganic Materials in Solid Form</p>	<p style="text-align: center;">ICP-MS Gravimetry</p>
Certified Reference Material	<p style="text-align: center;">Pure Chemicals</p> <p>Single and Multi-component Inorganic Materials in Solution</p> <p>Single Inorganic Materials in Solid Form</p>	<p style="text-align: center;">ICP-MS Gravimetry</p>
Certified Reference Material	<p style="text-align: center;">Neat Materials</p> <p>Single and Multi-component Organic Materials in Solution and Oils</p> <p>Single Organic Materials in Solid Form</p> <p>Single and Multi-component Drug Materials in Solution, Oils, and Solid Materials</p>	<p style="text-align: center;">GC-FID GC-ECD GC-PID-ELCD GC-MS HPLC-PDA HPLC-RI HPLC-MSD HPLC-ELSD Gravimetry</p>

Chemical

Type of Reference Material	Description of the Reference Material Matrix or Artifact including the Property-Properties Characterized	Method or Techniques Used by the RMP Laboratory to Determine the Assigned Value (if Appropriate)
Certified Reference Material	<p>Waters</p> <p>Single and Multi-component Organic Materials in Solution</p> <p>Single Organic Materials in Solid Form</p> <p>Single and Multi-component Inorganic Materials in Solution</p> <p>Single Inorganic Materials in Solid Form</p>	<p>GC-PID-ELCD</p> <p>GC-MS</p> <p>HPLC-PDA</p> <p>HPLC-RI</p> <p>HPLC-MSD</p> <p>HPLC-ELSD</p> <p>pH Electrode</p> <p>Conductivity</p> <p>Turbidity</p> <p>Titrimetry</p> <p>ICP-MS</p> <p>Gravimetry</p>
Certified Reference Material	<p>Ethanol Solutions</p> <p>Single and Multi-component Organic Materials in Solution</p>	<p>GC-FID</p> <p>Gravimetry</p>
Certified Reference Material	<p>Ethanol Standards and Drugs</p> <p>Single and Multi-component Organic Materials in Solution</p> <p>Single and Multi-component Drug Materials in Solution, Oils, and Solid Materials</p>	<p>GC-FID</p> <p>GC-MS</p> <p>HPLC-MSD</p> <p>Gravimetry</p>
Certified Reference Material	<p>pH and Conductivity Standards</p> <p>Single and Multi-component Inorganic Materials in Solution</p>	<p>pH Electrode</p> <p>Conductivity</p> <p>Titrimetry</p> <p>ICP-MS</p> <p>Gravimetry</p>

Notes:

1. Please contact the RMP organization for more information on CRM uncertainty values, U_{erm} values, and other specific lot values. Some of this information may also be available on the RMP's website.
2. This scope is formatted as part of a single document including Certificate of Accreditation No. AR-1539.



Jason Stine, Vice President