



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Chem Service, Inc.
660 Tower Lane
West Chester, PA 19381

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.

A handwritten signature in black ink, appearing to be 'J. Stine', is positioned above a horizontal line.

Jason Stine, Vice President

Expiry Date: 14 March 2027

Certificate Number: AR-3187



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

Chem Service, Inc.

660 Tower Lane
West Chester, PA 19381

Rajiv Soman, Ph.D.

tech@chemservice.com

REFERENCE MATERIAL PRODUCER

Valid to: **March 14, 2027**

Certificate Number: **AR-3187**

Chemical Properties

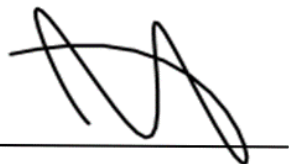
Type of Reference Material	Description of the Reference Material Matrix or Artifact including the Property-Properties Characterized	Method or Techniques Used by the RMP Laboratory to Determine the Assigned Value (if Appropriate)
Reference Materials and Certified Reference Materials	<p>Single Component and Multi-component Homogeneous Organic Solutions in Organic or Aqueous Solvents</p> <p>Analyte Identification and Concentration</p>	<p>Characterization based on mass or volume of ingredients used in the preparation of the RM.</p> <p>Verification by: GC/FID GC/TCD GC/MSD HPLC/DAD HPLC/UV LC/MS/MS</p>

Chemical Properties

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)
Reference Materials and Certified Reference Materials	<p>Neat Materials</p> <p>Analyte Identification and Purity</p>	<p>Characterization of a non-operationally defined measurand using two or more methods of demonstrable accuracy in one or more competent laboratories.</p> <p>&</p> <p>Characterization based on mass or volume of ingredients used in the preparation of the RM.</p> <p>GC/FID GC/TCD GC/MSD HPLC/DAD HPLC/UV LC/MS/MS FT-IR Karl Fisher Titration Titration Melting Point Differential Scanning Calorimetry (DSC) Thermogravimetric Analysis (TGA)</p>
Reference Materials and Certified Reference Materials	<p>Single Component and Multi-component Homogeneous Organic Solutions in Organic or Aqueous Solvents</p> <p>Analyte Concentration</p>	<p>Characterization based on mass or volume of ingredients used in the preparation of the RM.</p> <p>Gravimetric / Volumetric</p>

Notes:

1. Please contact the RMP organization for more information on CRM uncertainty values, Ucrm 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-3187.



Jason Stine, Vice President