CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Cerilliant Corporation

811 Paloma Drive, Suite A
Round Rock, TX 78665

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: 21 November 2026

Certificate Number: AR-1353

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

Cerilliant Corporation

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REFERENCE MATERIAL PRODUCER

Valid to: **November 21, 2026** Certificate Number: **AR-1353**

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	Pure Organic Compounds Single and Multi- component organic materials either neat or in dilute organic or aqueous solvents and biological matrices. Dilutions range from 1 pg/mL to 100 mg/ml. CRM Categories • Pharmaceutical substances • Metabolites • Intermediates • Impurities and Degradants • Drugs of abuse • High-purity environmental contaminants • Polycyclic aromatic hydrocarbons • Pesticides • Dioxins and furans • Chemical warfare verification compounds • Explosives and highly reactive compounds • Stable isotope labeled materials • Ethanol / Alcohol • Vitamins	• HPLC • GC • Ultra Violet Spectrophotometry • LC-MS • GC-MS • NMR • FTIR • Water Determination • Headspace GC/FID • Residue on Ignition • Optical Rotation • qNMR • Gravimetric preparation • Volumetric preparation • Density measurement

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)
	• Hormones • Biomarkers • Phytochemicals • Dietary Supplements	
Reference Materials and Certified Reference Materials	Health and Industrial Hygiene Single and Multi- component organic materials either neat or in dilute organic or aqueous solvents and biological matrices. Dilutions range from 1pg/mL to 100 mg/ml. CRM Categories • Pharmaceutical substances • Metabolites • Intermediates • Impurities and Degradants • Drugs of abuse • High-purity environmental contaminants • Polycyclic aromatic hydrocarbons • Pesticides • Dioxins and furans • Chemical warfare verification compounds • Explosives and highly reactive compounds • Stable isotope labeled materials • Ethanol / Alcohol • Vitamins • Hormones • Biomarkers • Phytochemicals • Dietary Supplements	• HPLC • GC • Ultra Violet Spectrophotometry • LC-MS • GC-MS • NMR • FTIR • Water Determination • Headspace GC/FID • Residue on Ignition • Optical Rotation • qNMR • Gravimetric preparation • Volumetric preparation • Density measurement

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	Forensic Reference Materials Single and Multi- component organic materials either neat or in dilute organic or aqueous solvents and biological matrices. Dilutions range from 1pg/mL to 100 mg/ml. CRM Categories • Pharmaceutical substances • Metabolites • Intermediates • Impurities and Degradants • Drugs of abuse • High-purity environmental contaminants • Polycyclic aromatic hydrocarbons • Pesticides • Dioxins and furans • Chemical warfare verification compounds • Explosives and highly reactive compounds • Stable isotope labeled materials • Ethanol / Alcohol • Vitamins • Hormones • Biomarkers • Phytochemicals • Dietary Supplements	• HPLC • GC • Ultra Violet Spectrophotometry • LC-MS • GC-MS • NMR • FTIR • Water Determination • Headspace GC/FID • Residue on Ignition • Optical Rotation • qNMR • Gravimetric preparation • Volumetric preparation • Density measurement

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	General Medicine Single and Multi- component organic materials either neat or in dilute organic or aqueous solvents and biological matrices. Dilutions range from 1pg/mL to 100 mg/ml. CRM Categories • Pharmaceutical substances • Metabolites • Intermediates • Impurities and Degradants • Drugs of abuse • High-purity environmental contaminants • Polycyclic aromatic hydrocarbons • Pesticides • Dioxins and furans • Chemical warfare verification compounds • Explosives and highly reactive compounds • Stable isotope labeled materials • Ethanol / Alcohol • Vitamins • Hormones • Proteins • Biomarkers • Phytochemicals • Dietary Supplements	• HPLC • GC • Ultra Violet Spectrophotometry • LC-MS • GC-MS • NMR • FTIR • Water Determination • Headspace GC/FID • Residue on Ignition • Optical Rotation • qNMR • Gravimetric preparation • Volumetric preparation • Density measurement • Amino Acid Analysis (AAA) • LC/UV/MS

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	Clinical Chemistry Single and Multi- component organic materials either neat or in dilute organic or aqueous solvents and biological matrices. Dilutions range from 1pg/mL to 100 mg/ml. CRM Categories • Pharmaceutical substances • Metabolites • Intermediates • Impurities and Degradants • Drugs of abuse • High-purity environmental contaminants • Polycyclic aromatic hydrocarbons • Pesticides • Dioxins and furans • Chemical warfare verification compounds • Explosives and highly reactive compounds • Stable isotope labeled materials • Ethanol / Alcohol • Vitamins • Hormones • Proteins • Biomarkers • Phytochemicals • Dietary Supplements	• HPLC • GC • Ultra Violet Spectrophotometry • LC-MS • GC-MS • NMR • FTIR • Water Determination • Headspace GC/FID • Residue on Ignition • Optical Rotation • qNMR • Gravimetric preparation • Volumetric preparation • Density measurement • Amino Acid Analysis (AAA) • LC/UV/MS

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-1353.

Jason Stine, Vice President