



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

NSI Lab Solutions, LLC
7212 ACC Blvd.
Raleigh, NC 27617

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 read 'R. Douglas Leonard Jr.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 08 October 2024

Certificate Number: AR-1571



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

NSI Lab Solutions, LLC

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Raleigh, NC 27617

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REFERENCE MATERIAL PRODUCER

Valid to: **October 8, 2024**

Certificate Number: **AR-1571**

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)
Reference Materials and Certified Reference Materials	Metals	ICP
Reference Materials and Certified Reference Materials	Pure Chemicals: Minerals Silica	IC ICP Titration Spectroscopy
Reference Materials and Certified Reference Materials	Aqueous Solutions: Glucose/Glutamic Acid (BOD, COD, CBOD, TOC) TOC / DOC Turbidity Solids (TDS, TSS, TS, TVS, Settleable) Oil & Grease Surfactants - MBAs Nutrients Color Residual/Free Chlorine	Turbidimeter Gravimetry HPLC Spectrometer Imhoff

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)
Reference Materials and Certified Reference Materials	<p>Aqueous Solutions:</p> <p>Anions / Cations Acidity / Alkalinity pH / Conductivity Nitrite Cyanide Sulfide Salinity Hardness Corrosivity Perchlorate</p>	<p>IC pH Probe Conductivity Meter Titration ICP Spectrometer</p>
Reference Materials and Certified Reference Materials	<p>Pure Organic Compounds/Solutions:</p> <p>PCBs, Toxaphene, & Chlordane Pesticides – OC, ON, & OP Carbamate Pesticides Mycotoxins Volatile Organic Compounds (VOCs) Semivolatiles (SVOCs) Cannabinoids Petroleum Hydrocarbons (TPH/DRO/GRO) Polynuclear Aromatic Hydrocarbons Herbicides Phenolics Paraquat/Diquat/Glyphosate/Endothall Haloacetic Acids Nitroaromatics & Nitramines Total Organic Halides (TOX) Sugars / Carbohydrates KHP Sugar Alcohols Organic Acids Contaminants Sweeteners/Additives Organic & Inorganic Disinfection By-Products</p>	<p>GC-FID GC-ECD GC-MS HPLC Spectrometer Gravimetry LCMS</p>

Biological and 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	Reference Cultures: Quantitative/Qualitative Microbiological Standards	MPN Plate Count
Reference Materials and Certified Reference Materials	Other Biological and Clinical Reference Materials: Quantitative/Qualitative Microbiological Standards	MPN Plate Count

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-1571.



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