



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/IEC 17043:2010

In the field of

PROFICIENCY TESTING PROVIDER

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: AP-1693



This proficiency testing provider is accredited in accordance with the recognized International Standard ISO/IEC 17043:2010.
This accreditation demonstrates technical competence for a defined scope and the operation of a proficiency testing provider quality management system.

SCOPE OF ACCREDITATION TO ISO/IEC 17043:2010

NSI Lab Solutions, LLC

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Raleigh, NC 27617

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PROFICIENCY TEST PROVIDER

Valid to: **October 8, 2024**

Certificate Number: **AP-1693**

Microbiological

Description of Item	Properties Measured	Procedure for Establishing Assigned Value
Food Items	Sanitation Indicators – Quantitative: Aerobic Count Coliforms Enterobacteriaceae S. aureus Escherichia coli Yeast/Mold B. cereus Lactic Acid Bacteria	Consensus Value of Participants
Cannabis	Indicators – Quantitative: Aerobic Count Coliforms Enterobacteriaceae Escherichia coli Yeast/Mold	Consensus Value of Participants
Food Items	Pathogens – Qualitative: Presence/Absence	Reference Value
Cannabis/Cannabis Products and Edibles	Pathogens – Qualitative: Presence/Absence	Reference Value



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Chemical

Description of Item	Properties Measured	Procedure for Establishing Assigned Value
Cannabis/Cannabis Products	Metals / Elements	Consensus Value of Participants
Cannabis/Cannabis Products	Pesticides	Consensus Value of Participants
Cannabis/Cannabis Products	Mycotoxins	Consensus Value of Participants
Cannabis/Cannabis Products	Terpenes	Consensus Value of Participants
Cannabis/Cannabis Products	Residual Solvents	Consensus Value of Participants
Cannabis/Cannabis Products	Potency, Cannabinoids	Consensus Value of Participants
Cannabis/Cannabis Products	Loss on Drying	Consensus Value of Participants
Cannabis/Cannabis Products	Water Activity	Consensus Value of Participants
Cannabis/Cannabis Products	Light Filth and Extraneous Matter	Known Value / Reference Value
Food Items	Proximates/Elements	Consensus Value of Participants
Food Items	Allergens – Qualitative: Presence/Absence of Gluten, Soy, Egg, Milk, Peanut, Crustacean	Reference Value

Pharmaceutical

Description of Item	Properties Measured	Procedure for Establishing Assigned Value
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Qualitative: Presence/Absence Identification by RT match Quantitative: Purity/Concentration by GC or HPLC Assay	Qualitative: Reference Value Quantitative: Consensus Value from Participants
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Water Content	Consensus Value from Participants
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Loss on Drying	Consensus Value from Participants
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Purity/Concentration by Titrimetric Assay	Consensus Value from Participants



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Pharmaceutical

Description of Item	Properties Measured	Procedure for Establishing Assigned Value
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	pH	Consensus Value from Participants
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Conductivity	Consensus Value from Participants
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Loss on Ignition	Consensus Value from Participants
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Elemental Impurities	Consensus Value from Participants
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Residual Solvents – Qualitative and Quantitative	Qualitative: Reference Value Quantitative: Consensus Value from Participants
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Optical Rotation	Reference Value
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Dosage Uniformity	Consensus Value from Participants
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Presence/Absence Identification by FTIR	Reference Value
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Residue on Ignition	Consensus Value from Participants
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Refractive Index	Reference Value
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Presence/Absence Identification by UV/Vis	Reference Value
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Sterility by USP <71>	Reference Value
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Microbial Enumeration by USP <61>	Consensus Value from Participants
Active Pharmaceutical Ingredients and Pharmaceutical Excipients	Presence/Absence of Specified Organisms by USP <62>	Reference Value

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AP-1693.

R. Douglas Leonard Jr., VP, PILR SBU