



# CERTIFICATE OF ACCREDITATION

## ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

**NSI Lab Solutions, Inc.**

**7212 ACC Blvd**

**Raleigh, NC 27617**

has been assessed by ANAB  
and meets the requirements of international standard

**ISO/IEC 17025:2005**

while demonstrating technical competence in the fields of

**TESTING**

Refer to the accompanying Scope of Accreditation for information regarding the types of calibrations and/or tests to which this accreditation applies.

AT-1690

Certificate Number



ANAB Approval

Certificate Valid: 10/08/2018-10/08/2020  
Version No. 006 Issued: 10/08/2018



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

NSI Lab Solutions, Inc.

7212 ACC Blvd, Raleigh, NC 27617

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TESTING

Valid to: October 8, 2020

Certificate Number: AT-1690

Chemical

Table with 4 columns: Specific Tests and/or Properties Measured, Specification, Standard, Method, or Test Technique, Items, Materials or Product Tested, Key Equipment or Technology. Rows include Volatile Organic Compounds, Semivolatile Organics, OC, ON, & OP Pesticides, PCBs, Chlordane, & Toxaphene, Haloacetic Acids, Herbicides, Petroleum Hydrocarbons, Oil & Grease, Oils, & Fuels, Carbamate Pesticides, Polynuclear Aromatic Hydrocarbons, Nitroaromatics & Nitramines, Paraquat, Diquat, Glyphosate, and Endothall, Glycine (TKN), KHP, Glucose / Glutamic Acid, and MBAS, and Sugars / Carbohydrates.



**Chemical**

<b>Specific Tests and/or Properties Measured</b>	<b>Specification, Standard, Method, or Test Technique</b>	<b>Items, Materials or Product Tested</b>	<b>Key Equipment or Technology</b>
Sugar Alcohols	Internal SOP - HPLC	Reference Standard or PT Sample	HPLC
Organic Acids	Internal SOP - HPLC	Reference Standard or PT Sample	HPLC
Sweeteners / Additives	Internal SOP - HPLC	Reference Standard or PT Sample	GC/MS, HPLC
Contaminants	Internal SOP – GC, HPLC	Reference Standard or PT Sample	GC/MS, HPLC
Anions	Internal SOP – IC	Reference Standard or PT Sample	IC Ion Chromatography
Metals, Total Phosphorus	Internal SOP – ICP/ICPMS	Reference Standard or PT Sample	ICP/ICPMS
Acidity	Internal SOP - ICP	Reference Standard or PT Sample	Titration Apparatus
Alkalinity	Internal SOP – Titration	Reference Standard or PT Sample	Titration Apparatus
Total Dissolved Solids and Total Solids	Internal SOP - Titration	Reference Standard or PT Sample	Analytical balances, Ovens
Total Suspended Solids	Internal SOP - Gravimetry	Reference Standard or PT Sample	Analytical balances, Ovens
Settleable Solids	Internal SOP - Gravimetry	Reference Standard or PT Sample	Imhoff
Total Volatile Solids	Internal SOP - Gravimetry	Reference Standard or PT Sample	Analytical balances, Ovens
Oil & Grease	Internal SOP - Gravimetry	Reference Standard or PT Sample	Analytical balances, Ovens
Total Dissolved Solids	Internal SOP - Gravimetry	Reference Standard or PT Sample	Analytical balances, Ovens
pH	Internal SOP	Reference Standard or PT Sample	pH Meter
Conductivity	Internal SOP	Reference Standard or PT Sample	Conductivity Meter
Turbidity	Internal SOP - Turbidity	Reference Standard or PT Sample	Turbidimeter
Ammonia, Cyanide, Color, Residual/Free Chlorine, COD, UV254, Sulfide, Silica, and Hexavalent Chromium	Internal SOP	Reference Standard or PT Sample	Hach Spectrometer
°Brix	Internal SOP - Brix Refractometer	Reference Standard or PT Sample	Brix Refractometer
Total Fats	Internal SOP – Extraction, Gravimetry	Reference Standard or PT Sample	Analytical balance Oven/Ankom



**Chemical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Water Activity	Internal SOP – Dewpoint	Reference Standard or PT Sample	Dewpoint Meter
Salt	Internal SOP- Volhard	Reference Standard or PT Sample	Titration

**Microbiological**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
<i>E. coli</i> , Fecal Coliform, Total Coliform	Internal SOP – IDEXX	Reference Standard or PT Sample	IDEXX QuantiTray
HPC, TVC	Internal SOP – IDEXX	Reference Standard or PT Sample	IDEXX SimPlate
<i>E. coli</i> , Fecal, Total Coliform	Internal SOP SM 9222	Reference Standard or PT Sample	Membrane Filtration
Enterococci	Internal SOP – IDEXX	Reference Standard or PT Sample	IDEXX QuantiTray
Enterococci	Internal SOP – Plate Count	Reference Standard or PT Sample	Plate Count
<i>P. aeruginosa</i> , <i>K. pneumonia</i> , <i>E. aerogenes</i>	Internal SOP – IDEXX	Reference Standard or PT Sample	IDEXX QuantiTray
<i>Legionella, spp</i>	Internal SOP – IDEXX Legiolert	Reference Standard or PT Sample	IDEXX QuantiTray
<i>E. coli</i> , Total Coliform, Aerobic Plate Counts, <i>Staphylococcus aureus</i> , <i>Enterobacteriaceae</i> , <i>E. coli</i> , <i>Salmonella</i> , <i>Listeria spp.</i> , Yeast / Mold	Internal SOP – Petrifilm	Reference Standard or PT Sample	Petrifilm
<i>E. coli, spp</i> ; <i>Klebsiella spp</i> ; <i>Salmonella spp</i> ; <i>E. faecalis</i> ; <i>Listeria spp</i> ; <i>P. aeruginosa</i> ; <i>S. aureus</i> ; <i>Lactobacillus spp</i> ; <i>E. aerogenes</i> ; <i>Bacillus spp</i> , <i>Legionella, spp</i> , <i>Staphylococcus spp</i> , <i>Candida spp</i> , <i>Aspergillus spp</i> , <i>Clostridium perfringens</i> , <i>Campylobacter spp</i> , <i>Enterobacteriaceae</i>	Internal SOP – Spiral Plate Counter	Reference Standard or PT Sample	Spiral Plate Counter

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-1690.



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Vice President

