



# CERTIFICATE OF ACCREDITATION

**The ANSI National Accreditation Board**

Hereby attests that

**Alliance Analytical Laboratories, Inc.**

**179 West Randall Street  
Coopersville, MI 49404**

Fulfills the requirements of

**ISO/IEC 17025:2017**

In the field of

**TESTING**

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](http://www.anab.org).

Jason Stine, Vice President

Expiry Date: 28 April 2025

Certificate Number: AT-2044



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.  
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 17025:2017

### Alliance Analytical Laboratories, Inc.

179 West Randall Street  
Coopersville, MI 49404

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### TESTING

Valid to: **April 28, 2025**

Certificate Number: **AT-2044**

#### Microbiological

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Salmonella	AOAC 2009.03	Food Products, Swabs	PCR
Salmonella	AOAC 061801	Food Products, Swab	PCR
<i>Escherichia coli</i> 0157:H7	AOAC 2005.04	Food Products, Swabs	PCR
<i>Listeria</i> Species	AOAC 070701 SOPTP-M007AAL	Food Products, Swabs	PCR
<i>Listeria</i> Species	AOAC 061801	Food Products, Swab	PCR
<i>Listeria monocytogenes</i>	AOAC 070702 SOPTP-M007AAL	Food Products, Swabs	PCR
Generic <i>Escherichia coli</i> / Coliform	AOAC 991.14; SMEDP 7.070	Food Products, Swabs	Petrifilm
Aerobic Plate Count	AOAC 990.12; SMEDP 6.040	Food Products, Swabs	Petrifilm
Yeast & Mold	AOAC 997.02	Food Products, Swabs	Petrifilm
<i>Staphylococcus aureus</i>	AOAC 2003.07	Food Products, Swabs	Petrifilm
<i>Enterobacteriaceae</i>	AOAC 2003.01	Food Products, Swabs	Petrifilm
Rapid Yeast & Mold	AOAC 2014.05	Food Products, Swabs	Petrifilm
Aerobic Plate Count	FDA BAM Chapter 3	Food / Water / Environmental Swabs	Pour Plate
Yeast & Mold	FDA BAM Chapter 18	Food / Water / Environmental Swabs	Pour Plate

### Microbiological

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Coliform / <i>Escherichia coli</i>	SM9223B	Drinking Water	Colisure
Compressed Air Microbiological Content	ISO 8573-7	Compressed Air	SPX compressed air sampler
Aerobic Plate Count, Yeast & Mold	USP<61>	Cosmetics	Pour Plate
<i>Aspergillus niger</i> , <i>Candida albicans</i> , <i>Escherichia coli</i> , <i>Staphylococcus aureus</i> , <i>Pseudomonas aeruginosa</i> , <i>Salmonella</i>	USP<62>	Cosmetics	Pour Plate
<i>Cronobacter</i>	AOAC 081801	Environmental Swabs, Silk Fibroin	PCR

### Chemical

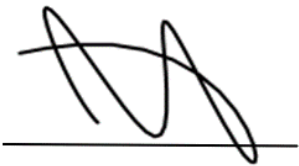
Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Fat - Soxhlet Extraction	AOAC 960.39	Food Products	Gravimetric
Gliadin	AOAC RI120601 SOP-AAL TPA-066	Food Products	Ridascreen Immunoassay
Aflatoxins M1, B1, B2, G1, G2	AOAC RI061201 SOP-AAL-TPA-087	Forage Milk	Ridascreen Immunoassay
Vomitoxin (DON)	AI00701 Manufacturer's Instructions	Forage Milk	Ridascreen Immunoassay
Moisture, Loss on Drying	AOAC 950.46	Food Products	Gravimetric
Salt	AOAC 935.47	Food Products	Titration
Butter Kohman	SMEDP 15.123	Butter	Gravimetric and Titration
Nitrogen / Protein	AOAC 2001.11	Food Products, Potable Water, Non-Potable Water, Manure, Forage	Kjeldahl
Cohumulone Colupulone N+adHumulone (NADH) N+asLupulone (NADL) Total Alpha Acids Total Beta Acids	ASBC Hops - 14	Hops – Resin, Pellets, Powder, Cones	HPLC

**Chemical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Cannabidiol (CBD) Cannabinol (CBN) Cannabigerol (CBG) Cannabigerolic acid (CBGA) Cannabidiolic acid (CBDA) Delta-9-THC; Delta-8-THC Delta-9-Tetrahydrocannabinolic acid (THCA-A)	Internal SOP TPA-085 (Based on JAOAC Int. Vol.98 Modified)	Cannabinoids and Terpenes in Cannabis	HPLC
Nitrate, Nitrite, Fluoride, Chloride, Sulfate	EPA 300.0	Drinking Water (Anions)	Ion Chromatography
Arsenic, Barium, Beryllium, Cadmium, Chromium, Iron, Copper, Nickel, Lead, Antimony, Selenium	EPA 200.5	Drinking Water (Trace Metals)	ICP
Mojonnier	SMEDP 15.086	Dairy Samples	Gravimetric
Solids	SMEDP 15.114	Dairy Samples	Gravimetric

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-2044.



Jason Stine, Vice President