



# CERTIFICATE OF ACCREDITATION

## ANSI-ASQ National Accreditation Board

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

This is to certify that

**Alliance Analytical Laboratories, Inc.**  
**179 West Randall Street**  
**Coopersville, MI 49404**

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

## ISO/IEC 17025:2005

while demonstrating technical competence in the field of

## TESTING

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

AT-2044

Certificate Number



ANAB Approval

Certificate Valid: 04/13/2018-04/28/2019  
Version No. 003 Issued: 04/13/2018



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**

**Alliance Analytical Laboratories, Inc.**

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 Coopersville, MI 49404  
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**TESTING**

Valid to: **April 28, 2019**

Certificate Number: **AT-2044**

**Microbiology**

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
<i>Escherichia coli</i> 0157:H7	AOAC 2005.04	Food Products, Swabs	PCR
<i>Listeria</i> Species	AOAC 070701	Food Products, Swabs	PCR
<i>Listeria monocytogenes</i>	AOAC 070702	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
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
Coliform / <i>Escherichia coli</i>	SM9223B	Drinking Water	Colilert / Colitag



**Chemistry**

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
Nitrogen / Protein	AOAC 992.15	Food Products	Combustion
Gliadin	AOAC 2012.01	Food Products	Ridascreen Immunoassay
Moisture, Loss on Drying	AOAC 950.46	Food Products	Gravimetric
Salt	AOAC 935.47	Food Products	Titration
Nitrogen / Protein	AOAC 2001.11	Food Products, Potable Water, Non-Potable Water, Manure, Forage	Kjeldahl
Aflatoxins – M1, B1, B2, G1, G2 Vomitoxin (DON) Zearalenone (ZON)	AOAC 2000.08 AOAC 994.08	Milk, Forage	HPLC
Cohumulone Colupulone N+adHumulone (NADH) N+asLupulone (NADL) Total Alpha Acids Total Beta Acids	ASBC Hops - 14	Hops – Resin, Pellets, Powder, Cones	HPLC
Cannabidiol (CBD) Cannabinol (CBN) Cannabigerol (CBG) Cannabigerolic acid (CBGA) Cannabidiolic acid (CBDA) Delta-9-THC; Delta-8-THC Delta-9- Tetrahydrocannabinolic acid (THCA-A)	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
Volatile Organics	EPA 524.2	Drinking Water (VOCs)	Purge & Trap GC/MS
Compressed Air Microbiological Content	ISO 8573-7	Compressed Air	SPX compressed air sampler

Note:

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



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Vice President

