



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

NORTH COAST ANALYTICAL LABORATORIES LLC
10100 Wellman Road
Streetsboro, OH 44241
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CHEMICAL

Valid To: September 30, 2021

Certificate Number: 4849.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on cannabis (hemp):

<u>Test/Technology</u>	<u>Test Method</u>
Heavy Metals (ICP/MS) As, Cd, Pb, Hg	SOP-103
Moisture Content (Drying/Weighing by Moisture Analyzer)	SOP-107
Mycotoxins (LC/MS/MS) Aflatoxin B1, B2, G1, G2, and Ochratoxin	SOP-102
Pesticides (LC/MS/MS) Abamectin, Aldicarb, Bifenazate, Cyfluthrin, Daminozide, Diazonin, Dichlorvos, Dimethoate, Etoxazole, Flonicamid, Fludioxonil, Imidacloprid, Myclobutanil, Paclobutrazol, Piperonyl Butoxide, Pyrethrin I, Spinosyn A, Spinosyn D, Thiamethoxam, Trifloxystrobin	SOP-102
Potency/Cannabinoid Content (HPLC) CBDV, CBDA, CBGA, CBG, CBD, CBN, Delta-9 THC, Delta-8 THC, CBC, Delta-9 THCA	SOP-104
Residual Solvents (GC/MS) Propane, Butane, Pentane, Ethanol, Ethyl Ether, 1,1 Dichloroethene, Acetone, Isopropyl Alcohol, Acetonitrile, Hexane, Ethyl Acetate, 1,1,1 Trichloroethane, Carbon, Tetrachloride, 1,2- Dichloroethane, Benzene, Heptane, Toluene, Total Xylenes (m, p), Total Xylenes (o)	SOP-105
Terpenes (GC/MS) alpha-Pinene, Camphene, Sabinene, beta-Pinene, Myrcene, alpha- Phellandrene, delta-3-Carene, alpha-Terpinene, para-Cymene, Limonene, Eucalyptol, (E)-Ocimene, beta-Ocimene, gamma- Terpinene, Sabinene Hydrate, Terpinolene, Fenchone, Linalool, Fenchyl Alcohol, Isopulegol, Camphor, Isoborneol, Borneol, Menthol, alpha-Terpineol, Nerol, Pulegone, Geraniol, cis-Geranyl acetate, alpha-Cedrene, (E)-Caryophyllene, (E)-Farnesene, beta- Farnesene, alpha-Humulene, Valencene, (E)-Nerolidol, (Z)- Nerolidol, Caryophyllene Oxide, Guaiol, Cedrol, alpha-Bisabolol	SOP-106

<u>Test/Technology</u>	<u>Test Method</u>
Water Activity (Water Activity Meter Using Chilled Mirror Dewpoint Sensor)	SOP-108

BIOLOGICAL

<u>Test/Technology</u>	<u>Test Method</u>
Bile Tolerant Gram Negative (3M Petrifilm)	SOP-101
<i>Escherichia coli</i> (3M Petrifilm)	SOP-101
Foreign Material (Microscopy)	SOP-100
<i>Salmonella</i> (3M Petrifilm)	SOP-101
Total Coliform (3M Petrifilm)	SOP-101
Total Viable Aerobic Bacteria (3M Petrifilm)	SOP-101
Total Yeast and Mold (3M Petrifilm)	SOP-101





Accredited Laboratory

A2LA has accredited

NORTH COAST ANALYTICAL LABORATORIES, LLC

Streetsboro, OH

for technical competence in the field of

Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. 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).



Presented this 19th day of September 2019.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4849.02
Valid to September 30, 2021

For the tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.