



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ANALYTICAL FOOD LABORATORIES, INC.
860 Greenview Drive
Grand Prairie, TX 75050
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CHEMICAL

Valid To: October 31, 2024

Certificate Number: 2088.02

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the laboratory's compliance with the A2LA Food Testing Program Requirements containing the 2018 "AOAC International Guidelines for Laboratories Performing Microbiological and Chemical Analyses of Food, Dietary Supplements, and Pharmaceuticals"), accreditation is granted to this laboratory to perform the following tests on commodities, foods, beverages, dietary supplements, personal care products, pet foods, water, and environmental samples:

| <u>Test & Technology</u> | <u>Reference(s)</u> |
|---|--|
| Ash | AOAC 923.03; 942.05 |
| Cholesterol (GC) | AOAC 994.10 |
| Fat (Soxhlet) | USDA FSIS CLG FAT Modified; AOCS Am 5-04 |
| Fatty Acid Profile (FAME) | AOAC 996.06 |
| Metals (Biological Specimens) Microwave Digestion Biological Specimens for Elemental Analysis | Internal Method: CMC-02 |
| Metals (ICP/MS) Calcium Iron Potassium Sodium | Internal Method: CM-9.00 |
| Moisture (Gravimetric) | USDA FSIS CLG MOI |
| Protein (Titration) | FOSS Kjeltac 8400 |
| Salt (Volhard) | USDA FSIS CLG SLT |

| <u>Test & Technology</u> | <u>Reference(s)</u> |
|--|------------------------------------|
| Sugar Profile | AOAC 997.20; 980.13 (Modified) |
| Total Dietary Fiber | AOAC 991.43 |
| Total Organic Carbon (Membrane Conductometric) | USP <643> |
| Vitamin D (UHPLC) | AOAC 2011.11 (Modified) |
| Water Activity | Internal Method: CM-22.00; AquaLab |

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on commodities, foods, beverages, dietary supplements, personal care products, pet foods, hemp flower/plant material, cannabis flow/plant material, concentrates, edibles, infused products and water, and environmental samples:

| <u>Test & Technology</u> | <u>Test Method</u> |
|--|---------------------------|
| Cannabinoids (HPLC) CBC CBC-A CBD CBD-A CBDV CBDV-A CBG CBG-A CBL CBN Δ8-THC Δ9-THC THC-A THCV THCV-A | Internal Method: CM-32.00 |
| Metals (ICP/MS) Arsenic Cadmium Lead Mercury | Internal Method: CM-9.00 |
| Moisture (Gravimetric) | Internal Method: CM-5.02 |



| <u>Test & Technology</u> | <u>Test Method</u> |
|--|---------------------------|
| Mycotoxins (LC/MS) Aflatoxin (B1, B2, G1, G2) Ochratoxin A | Internal Method: CM-33.00 |
| Pesticides (GC/MS/LCMS) Acetamiprid Aldicarb Azoxystrobin Bifenazate Boscalid Carbaryl Carbofuran Chlorantraniliprole Chlorpyrifos Cypermethrin Diazinon Dichlorvos Ethoprophos Etofenprox Fipronil Flonicamid Imidacloprid Metalaxyl Methiocarb Methomyl Methyl parathion Myclobutanil Oxamyl Permethrin I Parathion - Methyl Pyridaben Spiroxamine I Tebuconazole Thiacloprid Thiamethoxam | Internal Method: CM-34.00 |
| Residual Solvents (GC) 1,1,1-Trichloroethane 1,1-Dichloroethene 1,2-Dichloroethane 1,2-Dichloroethene 1,2-Dimethoxyethane 1,4-Dioxane 1-Butanol 1-Pentanol 1-Propanol 2-Butanol 2-Ethoxyethanol 2-Methoxyethanol | Internal Method: CM-35.00 |



| <u>Test & Technology</u> | <u>Test Method</u> |
|--|--------------------|
| 2-Methyl-1-propanol 2-Propanol 3-Methyl-1-butanol Acetic acid Acetone Acetonitrile Anisole Benzene Butyl acetate Carbon tetrachloride Chlorobenzene Chloroform Cumene Cyclohexane Dimethyl sulfoxide Ethanol Ethyl acetate Ethyl ether Ethyl formate Ethylene glycol Formamide Formic acid Heptane Hexane Isobutane Isobutyl acetate Isopropyl acetate Methanol Methyl acetate Methylbutylketone Methylcyclohexane Methylene chloride Methyleneethylketone Methylisobutylketone <i>N,N</i> -Dimethylacetamide <i>N,N</i> -Dimethylformamide n-Butane n-Heptane n-Hexane Nitromethane <i>N</i> -Methylpyrrolidone Pentane Propane Propyl acetate Pyridine Sulfolane <i>tert</i> -Butylmethyl ether Tetrahydrofuran Tetralin | |



| <u>Test & Technology</u> | <u>Test Method</u> |
|---|--------------------|
| Toluene Trichloroethylene Triethylamine Xylene | |

Key:

AOAC: International Association of Analytical Communities

FDA BAM: FDA Bacteriological Analytical Manual

SMEWW: Standard Methods for the Examination of Water and Wastewater





Accredited Laboratory

A2LA has accredited

ANALYTICAL FOOD LABORATORIES, INC.

Grand Prairie, TX

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 laboratory also meets the requirements of A2LA R204 - *Specific Requirements - Food and Pharmaceutical Testing Laboratory Accreditation Program*. 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 17th day of November 2022.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2088.02
Valid to October 31, 2024

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