



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

COLORADO DEPARTMENT OF AGRICULTURE  
BIOCHEMISTRY LABORATORY  
300 South Technology Court  
Broomfield, CO 80021  
Kristina McCallum Phone: (303) 869-9250

CHEMICAL

Valid To: June 30, 2025

Certificate Number: 2851.01

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 feed, fertilizers, soil, vegetation, hemp, and swabs:

<u>Test(s)/Matrix(ces)</u>	<u>Test Method/Technology</u>
Amino Acids in Animal Feed and Pet Food Lysine Methionine Taurine	FF-METH-031 UPLC-UV
Glyphosate and AMPA in Vegetation, Soil, and Swabs	PT-METH-041 LC-MS/MS
Moisture Content in Hemp	PT-METH-044 Moisture Analyzer
Nitrogen in Fertilizer	FF-METH-001 Combustion
Nutritional Elements in Animal Feed Calcium Magnesium Potassium Zinc	FF-METH-005 AA
P <sub>2</sub> O <sub>5</sub> in Fertilizer	FF-METH-011 Gravimetric
Phosphorus in Animal Feed	FF-METH-014 ICP-OES
Potash in Fertilizer	FF-METH-028 AA
Potash and P <sub>2</sub> O <sub>5</sub> in Fertilizer	FF-METH-002 ICP-OES
Protein in Animal Feed	FF-METH-012 Combustion
Sulfur in Fertilizer	FF-METH-004 Combustion
Total Delta-9-THC in Hemp	PT-METH-031 GC-FID
Vitamin A in Animal Feed	FF-METH-023 HPLC-UV



## Accredited Laboratory

A2LA has accredited

### COLORADO DEPARTMENT OF AGRICULTURE BIOCHEMISTRY LABORATORY

*Broomfield, CO*

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 22<sup>nd</sup> day of June 2023.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 2851.01  
Valid to June 30, 2025

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