



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

FOUNDATION ANALYTICAL LABORATORY INC.

723 Sleezer Road

Cherokee, IA 51012

Diane Young Phone: (712) 225-6989

CHEMICAL

Valid To: February 29, 2024

Certificate Number: 4733.01

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 and food:

<u>Test</u>	<u>Test Method(s)</u>	<u>Reference Method(s)</u>
Acid Detergent Fiber by ANKOM	QTM 6-07-010	AOAC 973.18 (modified)
Amino Acids by Amino Acid Analyzer Alanine, Arginine, Aspartic Acid, Glutamic Acid, Glycine, Histadine, Isoleucine, Leucine, Lysine, Phenylalanine, Proline, Serine, Threonine, Tyrosine, Valine	QTM 6-07-031	AOAC 994.12 (Modified)
Ash	QTM 6-07-001	AOAC 942.05
Crude Fat	QTM 6-07-008	AOAC 945.16
Crude Fat in Meat and Meat Products	QTM 6-06-004	USDA CLG-FAT
Crude Fiber by ANKOM	QTM 6-07-011	AOCS Ba 6a-05
Crude Protein/Nitrogen – Combustion	QTM 6-07-064	AOAC 990.03
Crude Protein/Nitrogen – Combustion in Meat and Meat Products	QTM-6-06-041	USDA CLG-PRO4
Crude Protein/Nitrogen – Kjeldahl	QTM 6-07-022	AOAC 2001.11

<u>Test</u>	<u>Test Method(s)</u>	<u>Reference Method(s)</u>
Cystine/Methionine by Amino Acid Analyzer	QTM 6-07-030	AOAC 994.12 (Modified)
Deoxynivalenol (DON) by LC/MS/MS	QTM 6-07-068	BS EN 15791:2009 (Modified)
Fat Acid Hydrolysis	QTM 6-07-007	AOAC 954.02
Minerals by ICP-OES (Ca, Cu, Fe, Mg, Mn, P, K, Na, S, Zn)	QTM 6-07-013 QTM 6-07-014	-----
Moisture – 105°C	QTM 6-07-004	AOAC 945.15  AOAC 925.45 (Modified)  NFTA 2.2.2.5
Moisture – 125°C	QTM 6-06-019	USDA CLG-MOI
Moisture – 135°C	QTM 6-07-006	AOAC 930.15
Mycotoxins by LC/MS/MS Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Deoxynivalenol (DON), Fumonisin B1, Fumonisin B2, Fumonisin B3, Ochratoxin A, T-2 / HT-2, Zearalenone	QTM 6-07-062	Internal SOP based on: AOAC 994.08; 2000.03; 2001.04; 2001.06  JAOAC Volume 88 #4, 2005 pp 1197-1204 and 1733-1740
Neutral Detergent Fiber by ANKOM	QTM 6-07-012	Internal SOP based on ANKOM NDF Method 13
Salt (%) by Titration	QTM 6-06-031	USDA CLG-SLT
Total Starch	QTM 6-07-025	AOAC 996.11 (Modified)
Tryptophan by Amino Acid Analyzer	QTM 6-07-032	AOAC 988.15 (Modified)

**Key:**

AOAC: AOAC INTERNATIONAL

AOAC-RI: AOAC Research Institute Performance Tested Method

JAOAC: Journal of AOAC

AOCS: American Oil Chemists' Society

BS: British Standard

NFTA: National Forage Testing Association

USDA CLG: USDA Chemistry Laboratory Guidebook



## Accredited Laboratory

A2LA has accredited

# FOUNDATION ANALYTICAL LABORATORY, INC.

Cherokee, IA

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 15<sup>th</sup> day of December 2021.

A blue ink signature of a person, likely the Vice President mentioned in the text below.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 4733.01  
Valid to February 29, 2024

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