



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

TYSON FOOD SAFETY AND RESEARCH LABORATORY
also doing business as WBA ANALYTICAL LABORATORIES
3609 Johnson Road
Springdale, AR 72762
Ms. Vanessa Cook Phone: 479 290 4042

CHEMICAL

Valid To: July 31, 2020

Certificate Number: 1970.02

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 2015 "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 food products including livestock food and feed products and research and evaluation of new technologies:

<u>Method</u>	<u>Title</u>	<u>Reference</u>
WI-C-101	Aminoglycoside Antibiotic Residues	CLG-AMG 2.0-7 "Screening and Confirmation for Aminoglycosides by LC-MS-MS (<i>modified</i>)
WI-C-076	Ammonia / Total Volatile Base Nitrogen by Selective Electrode	AOAC 999.01
WI-C-052	Anions by Ion Chromatography	AOAC 973.31 (Prep) (<i>modified</i>); AOAC 993.30 (analysis)
WI-C-080	Antibiotics and Growth Stimulants by LC-MS-MS	AOAC 995.09 (<i>modified</i>)
WI-C-016	Antibiotics by LC-MS-MS for Russian Export	AOAC 995.09
WI-C-001	Ash	AOAC 942.05; AOAC 923.03; AOAC 920.153
WI-C-096	Beta-Agonists by LC-MS-MS in Tissues	FSIS CLG-AGON1.09. 2018 (<i>modified</i>)
WI-C-055	Capsaicinoids - Scoville Heat Units	AOAC 995.03
WI-C-002	Carbohydrates	Methods of Analysis for Nutrition Labeling (1993) pg 8 – Calculation
WI-C-024	Chloride in Animal Feed	AOAC 969.10

<u>Method</u>	<u>Title</u>	<u>Reference</u>
WI-C-025	Cholesterol	JAOAC "Rapid Determination of Cholesterol in Single and Multicomponent Prepared Foods"
WI-C-064	Chondroitin	Internal Method; Determination of Chondroitin Sulfate in Raw Materials and Dietary Supplements
WI-C-005	Crude Fiber	AOCS Official Method Ba 6a-05
WI-C-022	Crude Protein	AOAC 992.15; AOAC 990.03
WI-C-081	Fat by Acid Hydrolysis	AOAC 922.06 (Hydrotherm); AOAC 991.36 (Soxtherm); Gernhardt Application Note B.1.3.HT
WI-C-008	Fat by Rapid Solvent Extraction	AOAC 2003.05
WI-C-007	Fat by Soxhlet	USDA/FSIS CLG-FAT.03; AOAC 960.39
WI-C-026	Fatty Acid Profile	AOCS Official Method Ce 2-66
WI-C-009	Free Fatty Acids	AOCS Official Method Ca 5a-40
WI-C-063	Glucosamine	Internal Method
WI-C-067	Gluten Allergen	AOAC 2012.01 (Ridascreen Gliadin Kit)
WI-C-010	Insolubles	AOCS Official Method Ca 3a-46
WI-C-011	Kilocalories	Methods of Analysis for Nutrition Labeling (1993) pg 5 Calculation
WI-C-013	Minerals	AOAC 990.08 (<i>modified</i>); AOAC 968.08 (<i>modified</i>)
WI-C-014	Moisture (Fats and Oils)	AOCS Official Method Ca 2c-25
WI-C-014	Moisture (Feeds and Ingredients)	AOAC 930.15
WI-C-014	Moisture (Meats)	USDA/FSIS CLG 1.04
WI-C-075	Mycotoxins by LC-MS-MS in Feed	Internal Method
WI-C-095	Pepsin Digestibility	IFOMA Protein Solubility in Dilute Pepsin/Acid Solution, 2000-1, April 2000, Appendix 3; AOAC 971.09, AOAC 991.20
WI-C-062	Percent Bone	AOAC 983.19 Rev March 2002 (<i>modified using ICP</i>)
WI-C-017	Peroxide in Fats, Oils, and Feed	AOCS Official Method Cd 8b-90
WI-C-032	Pesticide Residues	FSIS Determinative Method "CHC2"
WI-C-018	pH Determination	AOAC 981.12; AOAC 943.02

<u>Method</u>	<u>Title</u>	<u>Reference</u>
WI-C-073	Salt in Meat/Food Products (Potentiometric Method)	AOAC 971.27
WI-C-027	Sugars	AOAC 982.14
WI-C-028	Total Dietary Fiber	AOAC 991.43
WI-C-047	Water Activity Determination	Decagon Aqua Lab

Key:

AOAC = AOAC International

AOCS = The American Oil Chemists' Society

FSIS = USDA Food Safety and Inspection Service

JAOAC = Journal of AOAC International

USDA = United States Department of Agriculture

CLG = Chemistry Laboratory Guidebook

IFOMA = International Fishmeal & Oil Manufacturers Association





Accredited Laboratory

A2LA has accredited

TYSON FOOD SAFETY & RESEARCH LABORATORY ALSO DOING BUSINESS AS WBA ANALYTICAL LABORATORIES

Springdale, AR

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's R204 - *Specific Requirements - Food and Pharmaceutical Testing Laboratory Accreditation Program*. 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 1st day of August 2018

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 1970.02
Valid to July 31, 2020

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