



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

TYSON FOODS SAFETY & LABORATORY SERVICES REGIONAL LABORATORY – RIVER
 VALLEY ALSO DOING BUSINESS AS WBA ANALYTICAL LABORATORIES
 7755 N. State Hwy 393
 Scranton, AR 72863
 Connie Ledbetter Phone: 479 938 2058

CHEMICAL

Valid To: June 30, 2019

Certificate Number: 2843.01

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 2015 "AOAC International Accreditation Guidelines for Laboratories Performing Microbiological and Chemical Analyses of Food, Dietary Supplements and Pharmaceuticals"), accreditation is granted to this laboratory to perform the following analyses on wastewater and feed ingredients:

Chemistry Analyses

<u>Method</u>	<u>Test</u>	<u>Standard Reference</u>
WI-C-001	Ash Determination	AOAC 942.05
WI-C-022	Crude Protein by Leco FP-528	AOAC 992.15, 990.03
WI-C-006	Fat by Acid Hydrolysis	AOAC 992.06
WI-C-060	Fat by NMR	AOAC 2008.06
WI-C-008	Fat by Rapid Solvent Extraction	AOAC 991.36; AOAC 2003.05
WI-C-009	Free Fatty Acids	AOCS Ca 5a-40
WI-C-010	Insolubles	AOCS Ca 3a-46
WI-C-014	Moisture in Feeds-135°C Oven	AOAC 930.15
WI-C-014	Moisture in Meat	AOAC 950.46
WI-C-060	Moisture-Microwave Constant Wt.	AOAC 2008.06
WI-C-014	Moisture and Volatile Matter in Fats	AOCS Ca 2c-25
WI-C-017	Peroxides	AOAC Cd 8b-90

Wastewater Analyses

<u>Method</u>	<u>Test</u>	<u>Standard Reference</u>
WI-W-002	Alkalinity	Hach 8221 adapted from SM2320B -1997
WI-W-003	Ammonia (SE)	NH-3N 4500-NH ₃ , SM NH-3N, 4500-NH ₃ E-1997
WI-W-005	Biological Oxygen Demand (BOD, CBOD)	SM 5210B-2001
WI-W-006	Chemical Oxygen Demand (COD)	Hach 8000
WI-W-007	Chloride	Hach 8224 adapted from SM 4500C-Cl ⁻ -1997
WI-W-009	Fecal Coliforms by Membrane Filtration	SM 9222D -1997
WI-W-013	Nitrates in Wastewater	SM 4500D-NO ₃ -2000
WI-W-014	Nitrites in Wastewater	Hach 8507-SM 4500B-NO ₂ ⁻ -2000
WI-W-015	Nitrogen, Total Calculation	SM 4500-N-1997
WI-W-016	Oil and Grease	EPA Method 1664A Horizon Technology
WI-W-018	Phosphorous, Total	Hach 8190 adapted from-SM 4500-Pb(5)-1999
WI-W-019	Quaternary Ammonium Compounds	Hach 8337
WI-W-020	Sulfates	Hach 8051 adapted from SM 4500E-SO ₄ ²⁻ -1997
WI-W-021	Sulfites	Hach 8071 adapted from SM 4500B-SO ₃ ⁻² -2000
WI-W-023	Total Suspended Solids (TSS)	SM 2540D-1997
WI-W-024	Volatile Acids	Hach 8196
WI-W-025	VSS - Volatile and Fixed Solids Ignited at 500C	SM 2540E-1997
WI-W-026	Total Kjeldahl Nitrogen (TKN)	EPA PAI-DK01
WI-W-027	pH of Wastewater Samples	SM 4500B-H ⁺ -2000
WI-W-002	Total Dissolved Solids	SM 2540C-1997



BIOLOGICAL

Microbiology Methods

<u>Method</u>	<u>Test</u>	<u>Standard Reference</u>
WI-M-109	APC Petrifilm	AOAC 990.12
WI-M-117	<i>Enterobacteriaceae</i> Petrifilm	AOAC 2003.01
WI-M-118	<i>Salmonella</i> via VIDAS SPT	AOAC 2013.01





Accredited Laboratory

A2LA has accredited

TYSON FOOD SAFETY & LABORATORY SERVICES REGIONAL LABORATORY - RIVER VALLEY ALSO DOING BUSINESS AS WBA ANALYTICAL LABORATORIES

Scranton, AR

for technical competence in the field of

Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets the requirements of 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 8 January 2009*).



Presented this 15th day of May 2017.

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

President and CEO
For the Accreditation Council
Certificate Number 2843.01
Valid to June 30, 2019

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