



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ALS - MARSHFIELD, LLC
MARSHFIELD, WI DIVISION
510 N. St. Joseph Avenue
Marshfield, WI 54449
Debra Chilson Phone: (570) 247-1325

CHEMICAL

Valid To: September 30, 2019

Certificate Number: 2598.13

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 Microbiology and Chemical Analyses of Food, Dietary Supplements, and Pharmaceuticals"), accreditation is granted to this laboratory to perform the following tests on environmental samples, raw and processed products:

<u>Test</u>	<u>Internal Test Method(s)</u>	<u>Test Method(s)</u>
Aflatoxin M1 by LC-MS/MS	Qualtrax #17127	AOAC 2000.08; Afla m1, HPLC Instruction Manual
Aflatoxins and Ochratoxin A by LC-MS/MS	Qualtrax #19415	VICAM Immunoaffinity Column Method (modified)
Ash Content	Qualtrax #16044	AOAC 930.30, 942.05
Lactose and Total Sugars by HPLC	Qualtrax #18091, 18092	AOAC 982.14 (modified); Ethiopian Standard ISO 22662:2012 (modified)
Moisture Content by Conventional Oven	Qualtrax #16047	AOAC 950.46
Percent Moisture by Moisture Analyzer	Qualtrax #17197	Sartorius LMA 100P Moisture Analyzer Operating Instructions
pH	Qualtrax #16073	USDA/FSIS; CFR-Title 21, CH IB, Part 114E; SMEDP 15.022; AOAC 945.42 (modified); ISO 1842:1991 (modified)
Protein Analysis by Kjeldahl Nitrogen Procedure	Qualtrax #16051	AOAC 991.20 (modified), 928.08
Total Fat	Qualtrax #59384	AOAC 922.06 (modified); SMEDP 15.086 (modified)

<u>Test</u>	<u>Internal Test Method(s)</u>	<u>Test Method(s)</u>
Water Activity (Aw)	Qualtrax #13280	Decagon Aqualab Water Activity Meter 4TE Operating Instructions

Key:

AOAC = Association of Official Analytical Chemists

SMEDP = Standard Method for the Examination of Dairy Products, 17th Edition

USDA/FSIS = USDA/FSIS Microbiology Laboratory Guide Book, 3rd Edition





Accredited Laboratory

A2LA has accredited

ALS - MARSHFIELD, LLC **MARSHFIELD, WI DIVISION** *Marshfield, WI*

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 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 5th day of October 2017.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2598.13
Valid to September 30, 2019
Revised March 18, 2019

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