



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

GREAT PLAINS ANALYTICAL LABORATORY  
9503 North Congress Avenue  
Kansas City, MO 64153  
Mrs. Sarah Madigan Phone: 816-891-7337

CHEMICAL

Valid to: January 31, 2025

Certificate Number: 4148.01

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 Foods, Dietary Supplements, and Pharmaceuticals"), accreditation is granted to this laboratory to perform the following tests on grains, flour, food, feed, and oils:

<u>Test(s)</u>	<u>Test Method(s)</u>
Aflatoxin by HPLC	AOAC 999.07 (Modified)
Aflatoxin, Vomitoxin, Zearalenone, Ochratoxin, T2, Fumonisin by ELISA	Veratox Aflatoxin Kit AOAC-RI 050901 Veratox Vomitoxin Kit Veratox Zearalenone Kit Veratox Ochratoxin Kit Veratox T2 Kit Veratox Fumonisin Kit
Arsenic, Cadmium, and Lead by ICP-MS	AOAC 2015.01
Ascorbic Acid by HPLC	AOAC 986.13 (Modified)
Ash by Gravimetric	AACC 08-01.01
Cholesterol by GC	AOAC 994.10
Crude Fat by Gravimetric Extraction	AACC 30-25.01
Crude Fiber by Gravimetric Extraction	AOCS Ba 6a-05
Fat by Acid Hydrolysis	AOAC 922.06; AACC 30-10.01
Fatty Acid Profile by GC	AOAC 996.06
Folic Acid by HPLC	Test Method 913

<b><u>Test(s)</u></b>	<b><u>Test Method(s)</u></b>
Free Fatty Acids & Peroxide Values	SafTest Test Kit & Manual
Glyphosate by ELISA	Abraxis Glyphosate Elisa Test AOAC RI 072104
Iron, Calcium, Zinc, Sodium, Potassium by Atomic Absorption	AACC 40-70.01, AACC 40-71.01
Moisture by Gravimetric	AACC 44-15.02
Niacin (Nicotinic Acid & Niacinamide) by HPLC	Test Method 914
Ochratoxin by HPLC	Test Method 916
Phosphorous in Starch by ICP-MS	AOAC 2015.01
Protein by Combustion	AACC 46-30.01
Sugar by HPLC	AACC 80-04.01 (Modified)
Vitamin A as Retinol Palmitate by HPLC	Test Method 920, USDA Vita3
Vitamin B1, Vitamin B2 by HPLC	Test Method 919
Vomitoxin by HPLC	Test Method 922
Zearalenone by HPLC	Test Method 924

### MECHANICAL

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on grains and flour:

<b><u>Test</u></b>	<b><u>Test Method</u></b>
Falling Number (Alpha Amylase Activity by Time and Distance)	AACC 56-81.03
Resistance of Dough to Extension and the Extent to Which it Can be Stretched by Alveograph	AACC 54-30.02
Resistance of Dough to Mixing to Evaluate Absorption, Stability, and Peak Time by Farinograph	AACC 54-21.02





# Accredited Laboratory

A2LA has accredited

## GREAT PLAINS ANALYTICAL LABORATORY

*Kansas City, MO*

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 19<sup>th</sup> day of January 2023.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 4148.01  
Valid to January 31, 2025

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