



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, 2027

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 |
| Analysis of Trace Elements in Water by ICP-MS | EPA 200.8 |
| 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 |

| <u>Test(s)</u> | <u>Test Method(s)</u> |
|---|--|
| Folic Acid by HPLC | Test Method 913 |
| 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 LCMS | Test Method 4083 |
| 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:

| <u>Test</u> | <u>Test Method</u> |
|---|---------------------------|
| 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 19th day of December 2024.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4148.01
Valid to January 31, 2027

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