



United States
Department of
Agriculture

Agricultural
Marketing
Service

Federal Grain Inspection Service
Technology and Science Division
10383 North Ambassador Drive
Kansas City, MO 64153

January 3, 2020

Ms. Nancy Zabe
VICAM
34 Maple Street
Milford, MA 01757

Dear Ms. Zabe:

I am pleased to inform you that the AflaTest has been approved by the Federal Grain Inspection Service for the quantitative determination of aflatoxins in corn gluten meal, distillers dried grain with solubles, milled rice (including brewer's rice and glutinous rice), popcorn, and sorghum. The Addendum Certificate of Conformance, FGIS 2019-130.1, is enclosed.

If you have any questions about the performance verification, please contact Dr. Ajit Ghosh at (816) 891-0417 or by e-mail at Ajit.K.Ghosh@usda.gov. For questions regarding FGIS policies on test kit evaluations, please contact me at (816) 891-0449.

Sincerely,

A handwritten signature in blue ink that reads "Thomas A. Weber".

Thomas A. Weber, Chief,
Analytical Chemistry Branch
Technology and Science Division

Enclosure: COC FGIS 2019-130.1

**U.S. DEPARTMENT OF AGRICULTURE
Federal Grain Inspection Service**

ADDENDUM CERTIFICATE NO.: FGIS 2019-130.1

ADDENDUM TO CERTIFICATE OF CONFORMANCE NO.: FGIS 2019-130 (October 17, 2019)

Quantitative test kit for aflatoxins in corn gluten meal, distillers dried grain with solubles (DDGS), milled rice (including brewer's rice and glutinous rice), popcorn, and sorghum.

For: VICAM, A Waters Business	Submitted by: VICAM, A Waters Business
Method: Immunoaffinity column cleanup with fluorometric detection	34 Maple Street Milford, MA 01757 Telephone: (508) 482-4956 Contact: Ms. Nancy Zabe

Standard Features and Options

Model: AflaTest, Product # 12022
Sample Preparation: Grind sample so that at least 95% passes through a 20 mesh sieve
Extraction Method: Blend 50 grams (g) sample with 5 g of sodium chloride and 100 milliliters (mL) methanol:water (80:20, v:v) for 1 minute (for DDGS use 10 g sodium chloride and 200 mL methanol:water (80:20, v:v). For corn gluten meal, blend 50 g sample with 10 g sodium chloride and 200 mL methanol:water (60:40, v:v) for 3 minutes.
Temperature Range: 18 – 30 °C (64 – 86 °F)
Aflatoxin Level: 5.0 – 300 ppb
Detection Technique: VICAM Series 4 EX fluorometer

Test kits must be operated according to the FGIS-issued instructions.

This test kit underwent an initial verification of performance under the authority of Section 7B (c) of the United States Grain Standards Act, as amended, and was found to meet all test performance criteria as defined in "Design Criteria and Test Performance Specifications for Quantitative Aflatoxin Test Kits," June 2018 version. Evaluation tests that passed are summarized in Attachment I.

For further information, contact:

USDA, Federal Grain Inspection Service
Technology and Science Division
Analytical Chemistry Branch
10383 N. Ambassador Drive
Kansas City, Missouri 64153-1394 Telephone: (816) 891-0401



Thomas A. Weber, Chief,
Analytical Chemistry Branch
Technology and Science Division

Date: 1/3/2020

Certificate Expires on October 17, 2022

Note: The mention of firm name or trade products does not imply that they are endorsed or recommended by the United States Department of Agriculture over other firms or similar products not mentioned.

Type Evaluation
Certificate No.: FGIS 2019-130.1

ATTACHMENT I

Manufacturer: VICAM, A Waters Business
34 Maple Street
Milford, MA 01757
Telephone: (508) 482-4956
Contact: Ms. Nancy Zabe

TEST 3: SUGGESTED ADDITIONAL COMMODITIES.

The manufacturer submitted data supporting the performance of this kit for the following additional commodities: corn gluten meal, distillers dried grain with solubles (DDGS), milled rice (including brewer's rice and glutinous rice), popcorn, and sorghum