



United States
Department of
Agriculture

Grain Inspection,
Packers and Stockyards
Administration

Stop 3630
1400 Independence Ave., SW
Washington, DC 20250-3630

August 2, 2012

Reference # 249

TO: FGIS POLICY BULLETIN BOARD

FROM: Robert Lijewski, Director /s/*Robert Lijewski*
Field Management Division

SUBJECT: Romer Fluoroquant Afla Supplemental Analysis

ORIGINATING OFFICE: Policies, Procedures, and Market Analysis Branch

1. PURPOSE

This memorandum implements a plan to allow direct reporting of aflatoxin results up to 1000 ppb for the Romer Fluoroquant Afla test kit COKFA 1010, eliminating the requirement for supplemental analysis.

2. BACKGROUND

GIPSA aflatoxin procedures require supplemental analysis when a result is beyond the test kit's upper test limit. Normally, GIPSA sets the upper limit of the test kit to the highest level that is required to meet GIPSA performance criteria for accuracy and precision, or 100 ppb for aflatoxin. Supplemental analysis is a dilution procedure where the original extract is diluted so that the result falls within the testing range for the test kit. After dilution or supplemental analysis, sample results greater than 100 ppb are expected to be as accurate and precise as levels within the conformance range.

Manufacturers of approved test kits provide instructions for the test in order to generate results that are in conformance with GIPSA performance criteria. Romer Labs does not recommend supplemental analysis for the Fluoroquant Afla test kit and has provided data that demonstrates that the test kit is accurate without supplemental analysis (dilution) by doing a direct reading of the result for levels above 100 ppb. GIPSA's Technology and Science Division has verified that this test kit is more accurate when doing a direct reading of the result without using the supplemental analysis procedure for samples up to 1000 ppb.

3. POLICY CHANGE

All official locations using the Romer Fluoroquant Afla test method COKFA1010, at levels between 101 – 1000 ppb will report the results as stated below. The following change is effective on 8-2-2012.

1. For results between 100 to 1000 ppb, read the result directly and do not use the supplemental analysis procedure.
2. The maximum reporting/certification limit when using this test kit is **1000 ppb**. Aflatoxin results above the 1000 ppb limit are reported as “Aflatoxin exceeds 1000 ppb”.

This notice pertains to the Romer Fluoroquant Afla test method only. Refer and follow supplemental analysis procedures for other approved test methods to report test results above test kit conformance/limits per TSD test kit approval.

See the Aflatoxin Handbook, Chapter 4 Certification section for more detailed clarification of approved certification statements.

4. FILING INSTRUCTIONS

Retain a copy of this policy bulletin memo with the Aflatoxin Handbook until further notice.

Please forward a copy of this memo to the official agencies operating within your circuit.

5. QUESTIONS

Direct any questions concerning this policy to Carl Jackson, Policies, Procedures, and Market Analysis Branch (PPMAB) at (202) 720-8286, or email carl.jackson@usda.gov or Patrick McCluskey, PPMAB, at (816) 659-8403, or email at patrick.j.mccluskey@usda.gov.