

**U.S. DEPARTMENT OF AGRICULTURE**  
**Grain Inspection, Packers and Stockyards Administration**  
**Federal Grain Inspection Services**

CERTIFICATE NO. FGIS 2005-101.1  
ADDENDUM

**CERTIFICATE OF CONFORMANCE**

Quantitative Aflatoxin Test Kit for Corn, Corn Flour, Corn Germ Meal, Corn Gluten Meal, Corn Meal, Corn Screenings, Corn Soy Blend, Cracked Corn, Distillers Dried Grains, Flaking Corn Grits, Milled Rice, Popcorn, Rough Rice, Sorghum, Soybeans, Wheat

For: Charm Sciences, Inc  
Method: ROSA® Aflatoxin (Quantitative)

Submitted by:  
Charm Sciences, Inc.  
659 Andover Street  
Lawrence, MA 01843-1032  
Tel: (978) 687-9200  
Contact: Mr. Mark Tess

**Standard Features and Options**

<u>Model</u>	<u>Sample Preparation</u>	<u>Extraction Method</u>	<u>Temperature Range</u>	<u>Aflatoxin Range</u>
ROSA® Aflatoxin (Quantitative)	Clean, Ground Sample so that 95% passes through a 20 mesh sieve.	50 g sample 70% Methanol	18-30 °C (64-86 °F)	5-100 ppb

Test kits must be operated according to the instructions in Attachment 2.

**ACCURACY OF TEST WITH CORN FLOUR, CORN GERM MEAL, CORN GLUTEN MEAL, CORN MEAL, CORN SCREENINGS, CORN SOY BLEND, CRACKED CORN, DISTILLERS DRIED GRAINS, FLAKING CORN GRITS, MILLED RICE, POPCORN, ROUGH RICE, SORGHUM, SOYBEANS, WHEAT**

Data submitted by the manufacturer showed that this kit met the accuracy specifications for the listed commodities spiked at 5 and 20 ppb. The 3 ppb limit of detection requirement was also met for all listed commodities.

For further information, contact:

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Quality Systems and Services Branch  
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Director  
Technical Services Division

Date: 12/19/05

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.