

**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

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

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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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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.