

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

CERTIFICATE NO. GIPSA 2007-001

CERTIFICATE OF PERFORMANCE

QuickTox™ Kit for Aflatoxin – 10 ppb Bulk Grain #AS 109 BG, Qualitative Lateral Flow Strip for Corn

For: EnviroLogix, Inc.
Method: Lateral Flow Strip

Submitted by:
EnviroLogix, Inc.
500 Riverside Industrial Pkwy.
Portland, ME 04103-1418
Tel: (207) 797-0300
Contact: Ms. Joan Lawton

Standard Features and Options

<u>Model</u>	<u>Sample Preparation</u>	<u>Extraction Method</u>	<u>Temperature Range</u>	<u>Aflatoxin Range</u>
Part #AS 109 BG QuickTox™ Kit for Aflatoxin - 10 ppb Bulk Grain	Clean, Ground Sample so that 95% passes through a 20 mesh sieve.	50 g sample 50% Ethanol	18-30 °C (64-86 °F)	10 ppb

Test kits must be operated according to the manufacturers instructions.

This qualitative lateral flow strip 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 "Performance Verification of Qualitative Mycotoxin and Biotech Rapid Test Kits" March 2004 version. Evaluation tests that were passed are summarized in Attachment 1.

For further information, contact:

USDA, Grain Inspection, Packers and Stockyards Administration
Technical Services Division
Quality Systems & Services Unit
10383 N. Ambassador Drive
Kansas City, Missouri 64153-1394 Tel: (816) 891-0401


Director
Technical Services Division

Date: 10/16/06

Certificate Expires Three Years from the Date Signed

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. GIPSA 2007-001

ATTACHMENT 1

Manufacturer: EnviroLogix, Inc.
500 Riverside Industrial Pkwy.
Portland, ME 04103-1418
(207) 797-0300

TEST 1: CAPABILITY OF ANALYZING FOR AFLATOXIN.

Data submitted by the manufacturer showed that the test kit was capable of detecting aflatoxin at a threshold of 10 parts per billion (ppb) in corn using 50% ethanol as an extraction solvent.

TEST 2: TEMPERATURE SENSIVITY

This requirement is waived for lateral flow strips.

TEST 3: REPRODUCIBILITY

Data submitted by test kit manufacturer supported reproducibility claims.

TEST 4: RUGGEDNESS

Data submitted by the manufacturer supported ruggedness claims.

TEST 5: GIPSA EVALUATION

Data generated by GIPSA staff showed that the test kit was capable of detecting aflatoxin at a threshold of 10 ppb in corn using 50% ethanol as an extraction solvent.