

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

CERTIFICATE NO. GIPSA 2009-013

CERTIFICATE OF PERFORMANCE

QuickTox™ Kit for Aflatoxin Bulk Grain #AS 101BG, 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

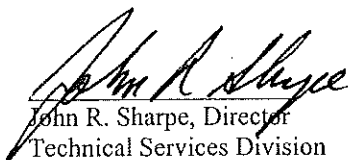
<u>Model</u>	<u>Sample Preparation</u>	<u>Extraction Method</u>	<u>Temperature Range</u>	<u>Aflatoxin Range</u>
Part #AS 101 BG QuickStix™ Kit Aflatoxin	Clean, Ground Sample so that 95% passes through a 20 mesh sieve.	10 g sample 70% Methanol or 50% Ethanol	18-30 °C (64-86 °F)	20 ppb

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" May 2008 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  
Analytical, Reference, and Testing Services Branch  
10383 N. Ambassador Drive  
Kansas City, Missouri 64153-1394 Tel: (816) 891-0464

  
John R. Sharpe, Director  
Technical Services Division

Date: 7/29/2009

*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 2009-013

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 20 parts per billion (ppb) in corn.

TEST 2: TEMPERATURE SENSIVITY

Data submitted by test kit manufacturer supported performance of the kit at 18° C and 30° C.

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 20 ppb in corn.