

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

CERTIFICATE NO. GIPSA 2008-016

CERTIFICATE OF PERFORMANCE

QuickTox™ Kit for DON 0.5 ppm Barley, #AS 204 BG, Qualitative Lateral Flow Strip for Barley

For: EnviroLogix, Inc.  
Method: Lateral Flow Strip

Submitted by:  
EnviroLogix, Inc.  
500 Riverside Industrial Pkwy.  
Portland, ME 04103-1418  
Tel: (207) 797-0300  
Contact: Mr. Andre Albert

Standard Features and Options

| <u>Model</u>                          | <u>Sample Preparation</u>  | <u>Extraction Method</u> | <u>Temperature Range</u> | <u>DON Range</u> |
|---------------------------------------|--|--------------------------|--------------------------|------------------|
| Part #AS 204 BG QuickTox™ Kit for DON | Clean, Ground Sample so that 95% passes through a 20 mesh sieve. | 10 g sample Tap water    | 18-30 °C (64-86 °F)      | 0.5 ppm          |

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  
Quality Systems & Services Unit  
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Director, John R. Sharpe  
Technical Services Division

Date: 7/25/2008

*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 2008-016

ATTACHMENT I

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

TEST 1: CAPABILITY OF ANALYZING FOR DEOXYNIVALENOL (DON).

Data submitted by the manufacturer showed that the test kit was capable of detecting deoxynivalenol at a threshold of 0.5 parts per million (ppm) in barley.

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 deoxynivalenol at a threshold of 0.5 ppm in barley.