

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

CERTIFICATE NO. GIPSA 2007-010

CERTIFICATE OF PERFORMANCE

QuickStix™ Kit for Cry34 (Herculex™ RW) Corn Bulk Grain, 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>Event(s) Detected</u>	<u>Sample Preparation</u>	<u>Extraction</u>
Part #AS 054 BG QuickStix™ Kit for Cry34 (Herculex™ RW) Corn Bulk Grain	Genetic Events expressing the Bt Cry34Ab1 Protein	Grind	Tap Water

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


John R. Sharpe, Director
Technical Services Division

Date: 8/20/2007

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 2007-010

ATTACHMENT 1

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

TEST 1: CAPABILITY OF ANALYZING FOR THE Bt Cry34Ab1 PROTEIN.

Data submitted by the manufacturer showed that the test kit was capable of detecting the Bt Cry34Ab1 Protein at a threshold of one Cry34Ab1 kernel in 200 kernels of corn.

TEST 2: TEMPERATURE SENSIVITY

This requirement is waived for lateral flow strip test kits.

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 the Bt Cry34Ab1 Protein at a threshold of one Bt Cry34Ab1 kernel in 200 kernels of corn.