

PCR Analysis Report

Laboratory analysis performed for: Account 23300

Kraut Creek Natural Feed Co.

1596 Wagner Rd., Greenville, Ohio 45331 USA

 FoodChain ID Testing
 504 N. 4th St., Suite 102; Fairfield, IA 52556 USA
 Phone +1.641.472.9979
 testing@foodchainid.com www.foodchainid.com

GID Sample Code: 190114 J071	Gross Weight: 3.41 kg
Order Number: 34-39808	Sample Type: Corn Kernels
Order Received: 14 Jan 2019	
Test Completed: 21 Jan 2019	Customer: 119 Corn
Issued: 21 Jan 2019	Sample ID:

GM CORN REAL-TIME QUANTITATIVE [RTQ] PCR ANALYSIS
Limit of Detection of the Method (per GMO Test Component): 0.01% (Plant Reference Material)
Limit of Quantification of the Method (per GMO Test Component): 0.05%

Test Component:	Result:	Quantitative Result Calculation	SD*:
Corn/Maize DNA Reference	Corn/Maize DNA detected at a normal level		
CaMV 35S Promoter [RTQ] <i>Bt11 Reference Material</i>	0.3% GMO	<i>Relative to total Corn/Maize DNA</i>	0.11
Corn Syngenta GA21 [RTQ] <i>GA21 Reference Material</i>	< 0.05% GMO	<i>Relative to total Corn/Maize DNA</i>	
Corn Syngenta MIR604 (Agrisure RW) [RTQ] <i>MIR604 Reference Material</i>	< 0.05% GMO	<i>Relative to total Corn/Maize DNA</i>	
Corn Syngenta MIR162 (Agrisure Viptera) [RTQ] <i>MIR162 Reference Material</i>	< 0.05% GMO	<i>Relative to total Corn/Maize DNA</i>	

Total: 0.3% GMO

* For an explanation of the Standard Deviation (SD) and Expanded Uncertainty, please contact your FoodChain ID Testing account manager.


 CERTIFICATE #3366.01
 Accreditation to ISO 17025

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 Authorized By: 
 Dr. Bernd Schoel
 Technical Director

Disclaimer: This test is valid strictly for the sample submitted for analysis to FoodChain ID Testing. The test report shall NOT be construed as FoodChain ID Testing Non-GMO Certification in the sense of certification by DIN ISO 45011.

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GID Sample Code: 190114 J072	Gross Weight: 2.69 kg
Order Number: 34-39808	Sample Type: Soybeans
Order Received: 14 Jan 2019	
Test Completed: 21 Jan 2019	Customer Sample ID: 119 RS
Issued: 21 Jan 2019	

GM SOY REAL-TIME QUANTITATIVE [RTQ] PCR ANALYSIS
Limit of Detection of the Method (per GMO Test Component): 0.01% (Plant Reference Material)
Limit of Quantification of the Method (per GMO Test Component): 0.05%

Test Component:	Result:	Quantitative Result Calculation	SD*:
Soy DNA Reference	Soy DNA detected at a normal level		
CaMV 35S Promoter [RTQ] <i>MON 40-3-2 Reference Material</i>	0.1% GMO	<i>Relative to total Soy DNA</i>	0.04
Soy MON 89788 (RR 2 Yield) [RTQ] <i>MON 89788 Reference Material</i>	< 0.05% GMO	<i>Relative to total Soy DNA</i>	

Total: 0.1% GMO

* For an explanation of the Standard Deviation (SD) and Expanded Uncertainty, please contact your FoodChain ID Testing account manager.



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GID Sample Code: 190114 J073	Gross Weight: 368 g
Order Number: 34-39808	Sample Type: Alfalfa Meal
Order Received: 14 Jan 2019	
Test Completed: 21 Jan 2019	Customer Sample ID: 119 Alf
Issued: 21 Jan 2019	

GM ALFALFA REAL-TIME QUANTITATIVE [RTQ] PCR ANALYSIS

Limit of Detection of the Method (per GMO Test Component): 0.01% (Plant Reference Material)

Limit of Quantification of the Method (per GMO Test Component): 0.05%

Test Component:	Result:	Quantitative Result Calculation
Alfalfa DNA Reference	Alfalfa DNA detected at a normal level	
Alfalfa Roundup Ready [RTQ]	< 0.05% GMO	<i>Relative to total Alfalfa DNA</i>



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