

## Explanation of Report: GM Corn Qualitative [QL] PCR Analysis

#	Report Element	Explanation
1	PCR Analysis Report	Name of the official analysis report document.
2	Laboratory analysis performed for	FoodChain ID Testing customer: account name and address.
3	GID Sample Code	Lab code for a specific test record, for a specific sample.
4	Order Number	FoodChain ID Testing order number. An order may contain results for more than one sample.
5	Gross Weight	Weight of sample received by the lab.
6	Sample Type	Brief, generic description of the sample type. For example, "Popcorn Kernels".
7	Customer Sample ID	Customer-specific description of the sample. This can include information such as product name, lot number, manufacture date, etc.
8	GM Corn Qualitative [QL] PCR Analysis	This test package is designed to provide Qualitative GMO analysis for GM Corn. Testing is conducted by the Real-Time PCR (polymerase chain reaction) method, which analyzes DNA.
9	Limit of Detection of the Method	The limit of detection of the PCR method is 0.01%. (1 in 10,000)
10	Corn/Maize DNA Reference	This test is designed to detect Corn/Maize species DNA. <i>Note:</i> The DNA Reference is a <u>species</u> test; it is not a GMO test.
11	Test result for Corn/Maize DNA Reference	This test indicates whether or not Corn/Maize species DNA is detected in the sample. There are three possible test result options: <ul style="list-style-type: none"> <li>• <b>Corn/Maize DNA detected at a normal level</b></li> <li>• <b>Corn/Maize DNA detected at a reduced level</b></li> <li>• <b>Corn/Maize DNA not detected</b></li> </ul>
12	GMO tests: <ul style="list-style-type: none"> <li>• CaMV 35S Promoter [QL]</li> <li>• NOS Terminator [QL]</li> </ul>	These tests can detect GM corn, as well as various GMO events for several other crop species.
13	Test results for GMO tests	There are two possible test result options for Qualitative GMO tests: <ul style="list-style-type: none"> <li>• <b>Detected</b></li> <li>• <b>Not detected</b></li> </ul>
14	Accreditation seal	FoodChain ID Testing is accredited to ISO 17025 by The American Association for Laboratory Accreditation (A2LA).  The presence of the accreditation seal on the report indicates that the specific test(s) conducted fall within FoodChain ID Testing's scope of accreditation.
15	Signature	Test results are authorized by the individual whose signature appears on the report.