

Explanation of Report: GM Soy 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, "Soybeans".
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 Soy Qualitative [QL] PCR Analysis	This test package is designed to provide Qualitative GMO analysis for GM Soy. 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	Soy DNA Reference	This test is designed to detect Soybean species DNA. <i>Note: The DNA Reference is a <u>species</u> test; it is not a GMO test.</i>
11	Test result for Soy DNA Reference	This test indicates whether or not Soybean species DNA is detected in the sample. There are three possible test result options: <ul style="list-style-type: none"> • Soy DNA detected at a normal level • Soy DNA detected at a reduced level • Soy DNA not detected
12	GMO test: <ul style="list-style-type: none"> • CaMV 35S Promoter [QL] 	This test can detect several GM soy events, as well as various GMO events for several other crop species.
13	GMO test: <ul style="list-style-type: none"> • Soy Mon 89788 (RR 2 Yield) [QL] 	This test is designed to detect GM soy.
14	Test results for GMO tests	There are two possible test result options for Qualitative GMO tests: <ul style="list-style-type: none"> • Detected • Not detected
15	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.
16	Signature	Test results are authorized by the individual whose signature appears on the report.