

## **Sample Submission Guidelines**

**Sample ID:** Identify your sample with the information that you wish to appear on the analysis report. For example, you could include lot numbers, bin numbers, vessel and hold identification, etc. Please be sure your Sample ID is printed clearly and accurately.

**Sample Type:** Specify the type of material you have submitted for testing, e.g., “yellow corn grain”, “maltodextrin”, “soy protein isolate”. Oils, fats, and lecithin samples incur an additional \$50.00 charge due to the complex sample preparation process.

**GMO Detection:** Specify the GMO Detection Item(s) from the information on the “Test Selection” page. The Export Service Center is happy to assist you in selecting which tests will meet your requirements, please contact us for assistance.

**Level of Quantification:** The four levels of quantification are: Qualitative Analysis, Single-Threshold Analysis, Semi-Quantitative Analysis (multiple threshold), and Real-Time Quantitative Analysis.

- If you select Single-Threshold Analysis, it is necessary to specify one of the following Quantitative Thresholds: 0.1%, 0.5%, 1%, 2%, 3% or 5%.
- If you select Semi-Quantitative Analysis, it is necessary to specify two or more Quantitative Thresholds.

The standard options are:

- 0.1% and 1% GMO
- 2% and 5% GMO
- 0.01% and 0.1% GMO (For Seeds and Grains Only)

**Species-Specific Reference Gene(s):** If you wish to be certain that DNA of any particular species is present in your sample, you will want to include one or more Species-Specific Reference Genes with your test. If you order one of the 35S based tests, it is necessary to specify the reference gene to be included with your test (i.e. corn, soy, etc.).

**Turn Around Time:** Standard turn-around time for samples is 3-5 working days. Rush work on samples is available, please contact the Export Service Center for details at (503) 872-6630.

## Preparing and Sending the Sample

1. All tests have a minimum sample size requirement to ensure statistical representation of the lots from which they were drawn.

Please note that the GMO analysis performed by the Export Service Center is valid strictly for the sample submitted to the laboratory. By using appropriate sample-taking protocols, however, it is possible to obtain a sample that is representative of an entire lot of product.

If your product is not listed in the following table, or if you have questions, please contact the Export Service Center at 503-872-6630.

Standard Turn Around time for samples is 3-5 days.

Canola/Rapeseed	500 grams	18 oz.	Oil (canola, corn/maize, soy)	4 liters	1 gallon
Corn Chips	200 grams	7 oz.	Papaya Seed	150 grams	6 oz.
Corn Pasta	200 grams	7 oz.	Potato flakes	200 grams	7 oz.
Corn Grains	3 kilograms	6 lb	Soybeans	2.5 kilograms	5.5 lb.
Corn Syrup	500 milliliters		Soy Cream and Milk (Liquid)	1 liter	35 fluid oz.
Cotton Seed	1 kilogram	2 lb.	Soy lecithin	200 grams	7 oz.
Flour (corn/maize, soy)	200 grams	7 oz.	Soy Protein isolate and concentrate	100 grams	3.5 oz.
Meal (canola, corn/maize, soy)	200 grams	7 oz.	Soy tofu	200 grams	7 oz.
Multi-ingr. dry foods	3+ Packages		Tomato Seed	50 grams	2 oz.
Multi-ingr. wet food	500 milliliters	16 fluid oz.	Zucchini Seed	2.5 kilograms	5.5 lb.

2. Seed and grains may be submitted pre-milled. This will help with sample sizes and shipping costs when samples being submitted are from overseas. If you choose to mill your sample, our milling standard requires that no more than 25% of the ground material remain on the USDA #20 mesh screen.
3. It is preferable that unmilled soybean or corn samples are completely dry before packing to allow effective milling in the testing process.

## **Preparing and Sending the Sample**

4. Perishable items must be packaged in dry ice or ice packs that last the duration of the shipping time.
5. Secure each food sample in its own container. Samples should always be double bagged if sent with other samples. Seal each sample package completely, so there is no possibility of leakage of contents. These steps are necessary to prevent cross-contamination.
6. Label each sample individually with your company name and identifying information such as vessel, hold, or other coding. Fix the label securely to the sample package.
7. Ensure that the package or container is strong enough to travel without damage or leakage.
8. Enclose an order form with the samples, or fax it to the Export Service Center at 503-872-6615.

If you have any questions or need further assistance, please contact the Export Service Center.

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