



WHAT IS A GUARANTEED ANALYSIS?

F2: COMPLETE PROXIMATES (GUARANTEED ANALYSIS)

Required Sample Size	Turnaround Time	Price
250g	3 BD	\$40.00

Moisture, Crude Protein, Crude Fat, Fiber, Ash. Energy calculated by Calories.

Per AAFCO guidelines, your product will need to list guarantees for the following nutritional parameters: Moisture, Crude Protein, Crude Fat, Crude Fiber, and kcals. Check with local regulatory bodies (like your state's Department of Agriculture) to confirm specifications.

Our F2 Package includes the proximates you will use to create the Guaranteed Analysis for your label. The standard turnaround time is 3 business days to receive your results via email and in the MyLab Portal.

Here are some AAFCO resources:

<https://www.aaeco.org/resources/startups/>

https://www.aaeco.org/wp-content/uploads/2023/01/eight_required_labeling_items.pdf

HOW TO SUBMIT:

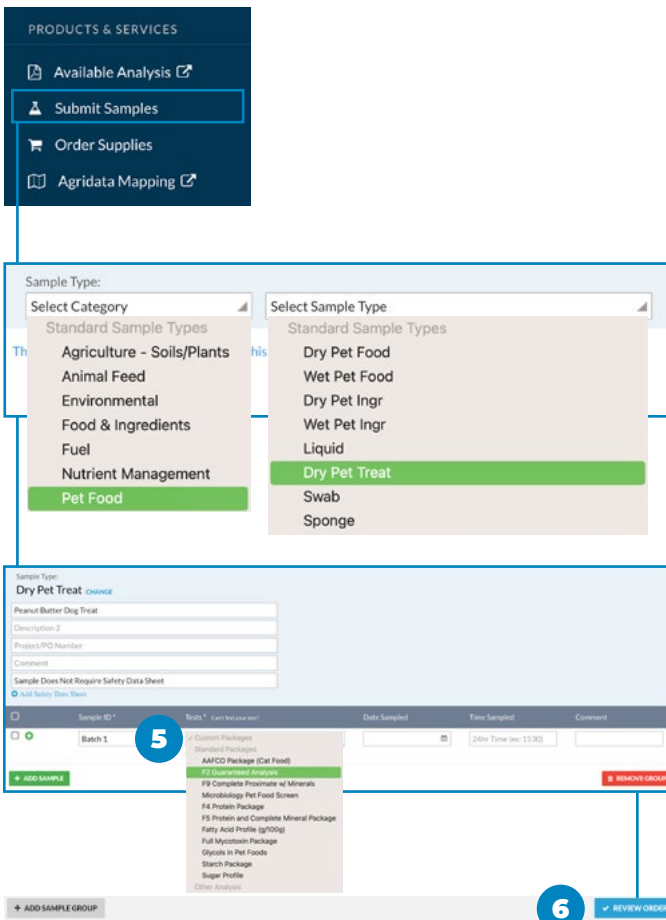
- 1 To get started, you can create an account for our MyLab portal: <https://mylab.midwestlabs.com/register>
- 2 Once you have registered, create your order form under **Submit Samples**.
- 3 In the Sample Type section, select the category **Pet Food**, and then Sample Type **Dry Pet Treat**.

Even if your product is semi-moist, it can classify it as a **Dry Pet Treat**. If it is something else, reach out to your account manager with any questions.

- 4 Next, fill out your **Sample Description** (ex. "Peanut Butter Dog Treat") and your **Sample ID** (Ex. Batch 1).

The **Sample ID** can be any identifier that makes sense to you. It will appear on your report and your invoice. You will want to label your sample's bag or container with the same ID.

- 5 For testing, select the **F2: Guaranteed Analysis package**. This will include the Moisture, Protein, Fat, Fiber, Ash (inorganic matter), and calculated kcals/kg.
- 6 Once you have finished entering all your samples, review and submit your order. **Print off the PDF and include it in the box with your samples.**



The screenshot shows the MyLab portal interface with numbered steps 1 through 6. Step 1 shows the 'Available Analysis' link. Step 2 shows the 'Submit Samples' button. Step 3 shows the 'Sample Type' selection process, where 'Pet Food' is selected under 'Standard Sample Types', and 'Dry Pet Treat' is selected under 'Select Sample Type'. Step 4 shows the 'Sample Description' form with fields for 'Peanut Butter Dog Treat', 'Description 2', 'Project/PO Number', 'Comment', and a checkbox for 'Sample Does Not Require Safety Data Sheet'. Step 5 shows the 'Sample ID' selection process, where 'Batch 1' is selected. Step 6 shows the 'Review Order' button.

Visit mylab.midwestlabs.com for questions.

Or contact us at mylab.midwestlabs.com | 402.334.7770 | contactus@midwestlabs.com

SAMPLE SIZE AND SHIPPING:

We would like around 250g (~8oz) for each sample. A labeled freezer bag or your product's typical packaging are great ways to include your sample. If you are limited on sample, please reach out to your account manager.

If your product is highly perishable, you may want to ship it in a styrofoam cooler with a cold pack, frozen, and/or via expedited shipping. We offer discounted shipping labels through the MyLab Portal.

Our mailing address is:

MIDWEST LABORATORIES

13611 B STREET, OMAHA, NE 68144

INTERPRETING AR, DW, REPORTING LIMIT

When you receive your report, you will notice that there are two sets of values: the AR (as-received or as-fed) and the DW (dry weight).

When determining the values to use on your treat label, you will want to use the as-received column. These are the values for the treat as it is intended to be consumed.

The dry weight column values are reported as if all moisture has been removed from the product. These values are typically used for formulation purposes and comparison across different sample types (i.e. wet food vs. dry food).

The reporting limit shown on your report is the lowest value the instrumentation can detect and quantify. Any value obtained below that reporting limit will be reported as n.d. (non-detect).

CREATING YOUR LABEL:

Per AAFCO guidelines, you will need to establish guaranteed maximums for moisture and fiber, and guaranteed minimums for protein and fat. You will want to round your proximate results to account for variance between batches and analytical variance. This way, your product will always be compliant with the guarantees of your 'Guaranteed Analysis.'

To convert your kcal/kg to another unit, here are a few examples: To convert to kcal/oz, you can divide your kcal/35.274 (1kg = 35.274oz). To convert to per treat or per package, you can establish your average weight in oz and multiply your kcal/oz by that amount.

INVOICING:

At Midwest Labs, you will receive your invoice the first week in the month following your testing results. Payments can be made through the MyLab portal by credit card. Please contact your Account Manager if you would like to pay via ACH. A Check with payment coupon can be mailed to:

MIDWEST LABORATORIES, INC.

PO BOX 685, GRETNA, NE 68028

SHELF LIFE:

Midwest Labs offers customizable shelf-life programming to determine a comprehensive look at the characteristics of your product over time. Some common components for shelf-life testing include:

- Sensory via appearance and odor
- Rancidity via peroxide value
- Microbial growth via APC and yeast/mold counts.

If you are interested in conducting a shelf-life study, please contact our coordinator

Jordan Sabez at JSabez@midwestlabs.com
or your account manager for a quote.

