

Whole Grain NIR

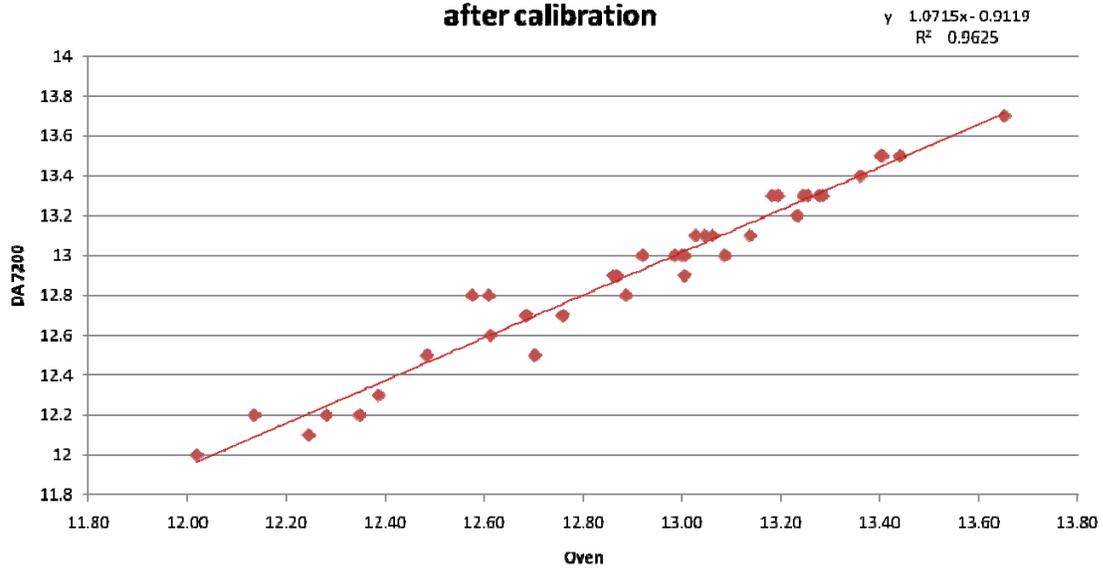
Soft Wheat Whole Grain NIR (DA 7200)

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Calibration files for the DA 7200 are available upon request.

1. Turn on DA7200
 - a. Power-up (small toggle switch on back by power cord).
 - b. Log in.
 - c. Start *SIMPLICITY FOR DA7200*.
 - d. Allow to warm up for 30 minutes.
2. Collect equipment: sample cups and level bar.
3. Select the Product "Soft Wheat Grain".
4. Prepare first sample in sample cup; slightly overfill sample to ensure that after leveling off, sample is flush with the top of the sample cup. (If there is not enough sample to fill the cup, place the black riser inside the cup first. If there is still not enough to have the sample flush with the top of the cup, the sample is unable to be analyzed on this machine.)
5. Level off the sample cup and place inside the machine. (Note: there are two size cups, ; with the small cup the platter will need to be pushed in, with the large cup it will need to be pulled out.)
6. Start analysis:
 - o Barcode: Scan the barcode of the first sample. This will start the analysis.
 - o No Barcodes: Enter a unique identifier (sample name) in the Sample text area and press ENTER.
7. When requested, repack the cup by pouring out the current cup and refilling. Always re-level sample.
8. Repeat steps 4-7 as needed.
9. Exit the program and shutdown the machine if done for the day.
10. Transfer to Database
 - . Logon to the Database.
 - a. Go to the group page and select Import Sample Traits.
 - b. Click the link "DA 7200" under Auto import.
 - c. If there are duplicates, it will ask which one you want.
 - d. Confirm data imported.
11. Retrieve Data Directly:
 - . Copy the file from "C:\pda7200\nirresults\Soft Wheat Grain.csv" to a place on a network drive.
 - a. From another computer, open Soft Wheat Grain.csv and delete any entries from earlier runs.
 - b. Save data

Graphs of Two Calibrations

Oven vs. DA 7200 after calibration



Flour Protein

