

CUSTOMIZING THE SINAR MOISTURE ANALYZER FOR YOUR SAMPLES

- 1) Gather samples for testing.

To get the best customization, test 2 samples at every 0.5 % Moisture across the moisture range for your product. For example, for a product that ranges from 5-10% moisture you would test 2 samples at 5%, 2 samples at 5.5 %, etc until 10%. Also, any data from samples outside the range would be helpful. If it is not possible to collect samples over the entire range, we will endeavour to work with the data you can collect.

- 2) Once you have collected the samples and obtained the oven tested value from your air oven. You will need to obtain a capacitance reading by putting each sample in your Sinar Moisture Analyzer and take a reading on Channel Zero (capacitance). [\[Delete -Then test the same samples with your oven or existing moisture tester to get a known moisture reading\]](#) Should you not have access to an air oven, moisture values can be obtained from another moisture meter, however the data generated will be less accurate and increase the tolerances of the test.

There is also a column for % moisture from the Sinar. Enter the predicted %mc values for each sample collected. This will help determine if the existing calibration curve can be biased rather than develop a new curve.

- 3) Please record your capacitance and moisture data on the sheets provided. Fax us the results so we can enter them into our computer and generate a custom curve for you. We will then contact you regarding the importation of the new calibration data.

Data to be entered into a spreadsheet with the following headings:

Sample No.	Oven %mc	Capacitance	Calibration	Predicted %mc
eg. 12	15.1	30.8	wheat	14.2

