Predicting a Sample in GRAMS

After you have processed your samples in the lab, the GRAMS software package can be used to predict diet quality. Multiple spectra files can be processed at one time. Use the steps below as a guide in predicting spectra.

1. Open the GRAMS software.
2. Click on ActiveApp from the menu at the top of the screen.
3. Select IQPredict from the menu.
4. And choose IQPredict from the sub-menu.
5. Select the white icon to the left of open to choose the calibration equation.
6. Select the folder where your calibration files are stored.
7. Select the calibration file.
8. Click open.
9. Click the open icon on the toolbar.
10. Select the folder where you spectra files are stored. These are the spc files that were created in SpectraSuite.
11. Select the spectra files you want to predict. You can select multiple files by using the Shift or Ctrl keys.
12. Click Open.
13. The files you selected should appear in table format on the screen.
14. Click the icon with the small globe to the left of the large globe icon.
15. Select the following options for output:
   a. Quantify
   b. Grid
   c. Sample
   d. Predicted Quantities
   e. Mohalanobis Distance
   f. Display on Screen
   g. Copy to Clipboard
16. Click OK
17. Click the globe icon to predict the samples.
18. Open Excel
20. Right click.
22. Record your results for each sample on:
   a. The Lab Logging Spreadsheet
   b. The Field Data Form for the sample