

number of significant figures as the calculated density (e.g. 1.01 ± 0.0932 g/mL) is meaningless because the final density is only known to the nearest 0.01 g/mL.

In the **discussion** section, restate your results and compare them to the known density given above. Give your calculated PRE for each device. Which device had the largest standard deviation? Why? Use the 'spread' in the masses for each device to support your argument.

Don't forget to include a **references** section – you should have a properly formatted reference to the lab manual. Staple your duplicate sheets from your lab notebook, as well as any Excel pages, to your report.