

Pre-lab Questions – Experiment 2: Identifying Unknown Substances

Write answers to the following questions on this page and bring it with you to lab.

1. Consider two aqueous solutions, one containing an ionic compound and the other a molecular compound. Which of these two solutions would you expect to conduct electricity? Why?

2. Draw the chemical structures and melting points (Celsius scale) of the following compounds.
Don't forget to cite your source(s)!

a) aspirin

b) ibuprofen

c) acetaminophen

d) benzoic acid