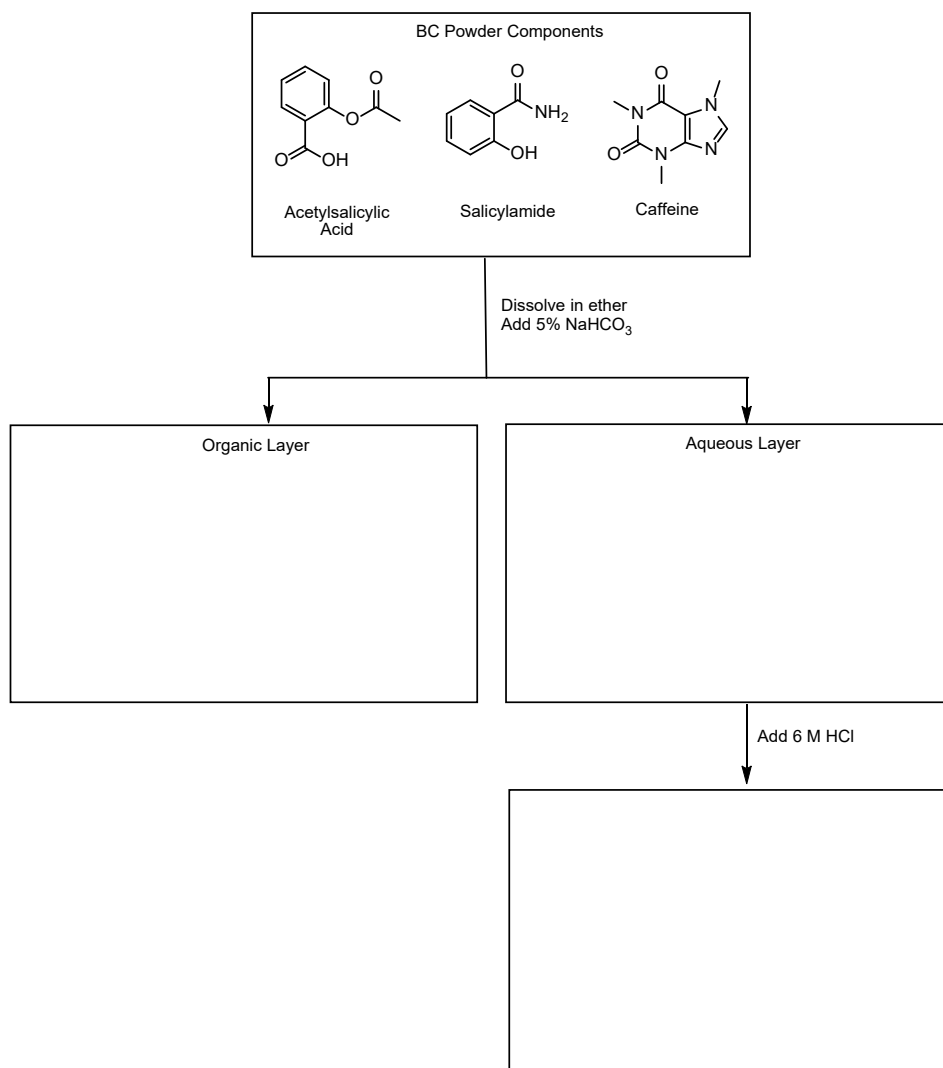


Extraction Worksheet

Name: _____

1. Amount of Acetylsalicylic acid in powder (see box or bulk container) _____
2. Amount of Acetylsalicylic acid recovered _____
3. Percentage Recovery _____
4. Melting Point of Acetylsalicylic Acid _____ (observed) _____ (lit. reported)
5. a. Which of the compounds in the BC powder is the most acidic? The most basic?
 b. Draw the compounds obtained for each step of the extraction in the experiment in the boxes provided in the following flowchart.



6. If caffeine was the compound of interest to be isolated from this experiment, how would you change the procedure to isolate an amine instead of the carboxylic acid product? (Hint: See Figure 3 in lab manual)

