

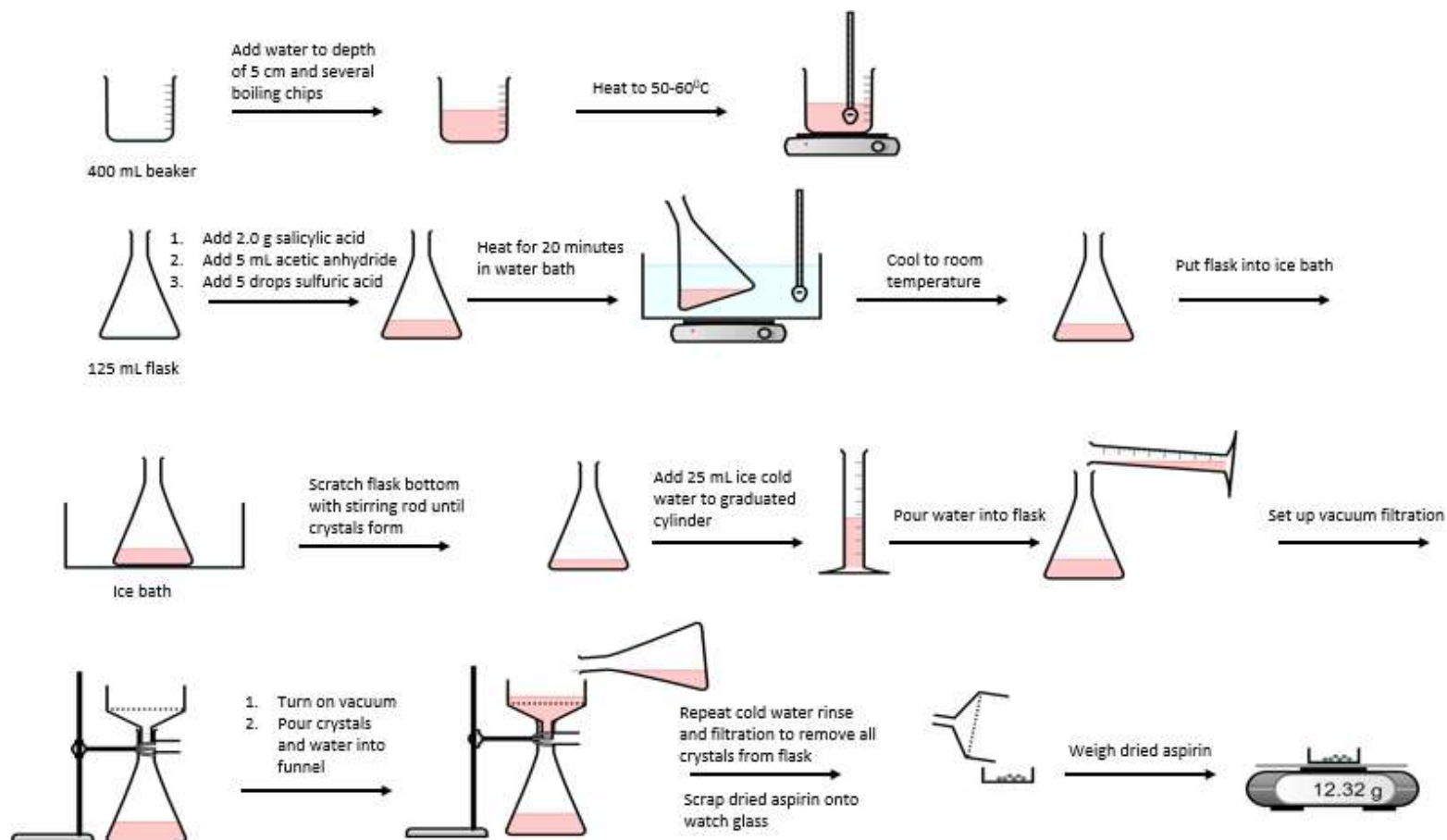
The Synthesis of Aspirin – Experimental Procedure

You will be synthesizing aspirin, test for contaminants, determining the limiting reagent, and calculating the percent yield in this experiment.

Caution: sulfuric acid and acetic anhydride can cause chemical burns!

Notes: monitor temperature of water bath – do NOT allow it to exceed 60°C. Must have crystals in reaction flask before adding ice cold water.

Synthesis of Aspirin



Test for Contaminants

Clean well plate with DI water and dry before using

Record color in each well before and after adding iron (III) chloride

