

SAMPLE FOR 108L NOTEBOOK FORMAT

- Experiments are prepared by hand in a lab notebook with carbon copy pages, turned in with the lab report.
- You may use the following content below for Exp 1, after that you're on your own! Use only black or blue ink.

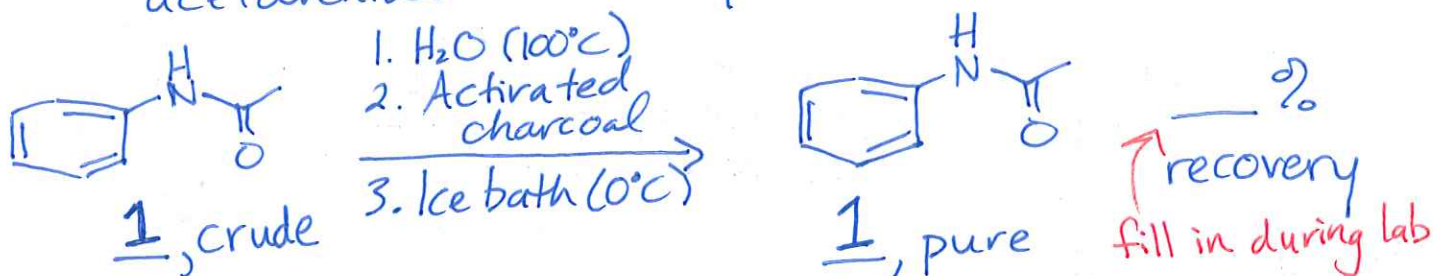
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Exp 1 - Recrystallization of Acetanilide

(also fill in boxes w/ date, section #, lab day/time)

PURPOSE The purpose of this experiment is to purify acetanilide via recrystallization from water.



REAGENT TABLE

use a ruler!

Compound	Amount	mmol	MW (g/mol)	BP/MP (°C)	D (g/mL)	Hazard
<u>1</u> , crude	(2g) 1.98g	14.6	135.17	114.3°C (lit mp)	1.22	Irritant
H ₂ O	(35 mL) 35+5+3=43 mL	-	18.01	100°C (bp)	0.99	n/A
<u>1</u> , pure	1.20g	8.88	135.17	114.3°C (lit mp)	1.22	Irritant

leave blank! fill in during lab

leave space to enter experimental mp's

PROCEDURE

(hand-written, step-by-step instructions - words & pictures, under 2 pages if possible. Leave space for data & observations)

CLEAN-UP & SAFETY - copy table @ end of experiment

POST-LAB QUESTIONS - copy an abbreviated version into notebook to make sure you get all results!