

Ch 337 Winter 2009 Lab Notebook Scoring Guide

EXP. 1. Melting/Boiling Points

_____ Procedure Details (.5 pt)

_____ Results Discussion & Conclusions/Questions (1 pt)

_____ Unknown Identities (2 pt) Must have unk # listed with the answer and justification for the answer

EXP 2. Thin Layer Chromatography

_____ Procedure Details (.5 pt)

_____ R_f Calculations (.5 pt)

_____ Results Discussion & Conclusions/Questions (1 pt)

_____ Unknown Identity (1 pt) Must have unk # listed with the answer and justification for the answer

EXP 3. Recrystallization

_____ Procedure Details (.5 pt)

_____ Calculations Yield (1 pts)

_____ Results Discussion & Conclusions/Questions (1pt)

EXP 4. Extraction

_____ Procedure Details (.5 pt)

_____ Extraction Flowchart (.5pt)

_____ Unknown ID (1 pts) Must have unk # listed with the answer and justification for the answer

_____ Results Discussion & Conclusions/Questions (1pt)

EXP 5. Simple Distillation

_____ Procedure Details (.5 pt)

_____ Apparatus Drawing (.5 pt)

_____ Graph (.5 pt)

EXP. 6. Fractional Distillation

_____ Procedure Details (.5 pt)

_____ Apparatus Drawing (.5 pt)

_____ Graph (.5 pt)

_____ Results Discussion & Conclusions/Questions(Simple/ Fractional comparison) (2 pt)

_____ Unknown ID (1 pt) Must have unk # listed with the answer and justification for the answer

EXP. 7. Steam Distillation

_____ Procedure Details (.5 pt)

_____ Apparatus Drawing (.5 pt)

_____ Results Discussion & Conclusions/Questions (1 pt)

NOTE: Laboratory conclusions are not whether you enjoyed the experiment. They compare your results to those expected and include any potential explanations for results which did not conform to what was expected. Your notebook **MUST** have a Table of Contents and the copy pages removed to avoid point deductions from the total.