

Point Distribution

<u>Experiment</u>	<u>Report</u>	<u>Product</u>	<u>Unknown</u>
Melting-Point Analysis	2		3
Recrystallization of Acetanilide	2	1	
Simple Distillation of α -Pinene	2	1	
Molecular Modeling: Conformational Analysis with ChemDraw and Chem3D	2		
Fractional Distillation of Cyclohexane and Toluene With and Without a Vigreux Column	2	2	
Steam Distillation of Eugenol from Cloves	2	1	
Acid-Base Extraction of Benzil and Benzoic Acid	2	2	
Thin-Layer Chromatography (TLC)	2		3
Separation of Cholesterol and a Cholesteryl Ester by Column Chromatography	2	2	
Acid-Catalyzed Dehydration of 2-Methylcyclohexanol	2	1	
Stereoselective Reduction of 4- <i>tert</i> -Butylcyclohexanone	2	1	
Infrared (IR) Spectroscopy	8		2
Nuclear Magnetic Resonance (NMR) Spectroscopy	8		2

<u>Category</u>	<u>Maximum Points</u>
Laboratory Notebook: Pre-Lab Preparation	13
Laboratory Notebook: In-Lab Observations	13
Laboratory Notebook: Post-Lab Conclusions	13
Verbally-Active Participation	13
Reports	38
Products	11
Unknowns	10
<u>Quizzes</u>	<u>49</u>
Total	160