

## Point Distribution

<u>Experiment</u>	<u>Report</u>	<u>Product</u>	<u>Unknown</u>
Melting Points.	2		3
Purification of Acetanilide by Recrystallization.	2	3	
Simple Distillation. Isolation of $\alpha$ -Pinene.	2	3	
Molecular Modeling. Conformational Analysis with ChemDraw and Chem3D.	2		
Distillation of Two Volatile Compounds With and Without a Vigreux Column.	2		
Separation via Acid-Base Extraction.	2	6	
Thin-Layer Chromatography (TLC).	2		3
Separation of Cholesterol and a Cholesteryl Ester by Column Chromatography.	2	6	
Acid-Catalyzed Dehydration of 2-Methylcyclohexanol.	2	3	
Stereoselective Reduction of 4- <i>tert</i> -Butylcyclohexanone.	2	3	
Infrared Spectroscopy.	4		6
Organic Structure Determination by Spectrometric Techniques.	4		6

<u>Category</u>	<u>Maximum Points</u>
Pre-Lab Preparation	10
Laboratory Notebook	10
Technique Evaluation	10
Reports	28
Products	24
Unknowns	18
<u>Quizzes</u>	<u>40</u>
Total	140