Chemistry 334L Summer 2024

Point Distribution

Experiment	Report	<u>Product</u>
Stereoselective Synthesis of cis-4-Cyclohexene-1,2-dicarboxylic Anhydride	2	3
Substituent Effects on the Rate of Electrophilic Aromatic Bromination	2	
Regioselective Bromination of Acetanilide	2	3
Synthesis of 2-Methyl-2-hexanol	2	3
Stereoselective Alkene Synthesis by the Horner-Emmons Reaction	2	3
Fischer Esterification of Lauric Acid	2	3
Basic Hydrolysis of Benzonitrile	2	5
Mixed Aldol Condensations of Benzaldehyde and Acetone	6	9
Polymers		6
Synthesis of Diacetone Mannose	2	3

Category	Maximum Points
Laboratory Notebook: Pre-Lab Preparation	10
Laboratory Notebook: In-Lab Observations	10
Laboratory Notebook: Post-Lab Conclusions	10
Laboratory Technique	10
Reports	22
Products	38
Quizzes	42
Total	142

Note: A number of experiments require a product to be physically submitted. If a schedule modification necessitates any of these experiments to be run exclusively online, no product(s) will be submitted for that experiment, and the maximum point total for the course will be reduced accordingly.