Write-up for Experiment 1

Write up a journal style experimental including characterization. (10 points)

Experimental

(10) Experimental are written correctly in content and style; publishable Journal-style experimental text
(8) Experimental complete, but style in need of improvement OR procedure complete in journal style but
missing a set of details such as NMR/IR, etc. data that is reported elsewhere.
(6) Experimental complete in journal style but missing minor information OR procedure needs style
improvement AND information such as IR/NMR missing but reported elsewhere
(4) Experimental incomplete in a way that is misleading or information missing
(2) Procedures are poorly and incorrectly written

Score: ______

Include a results section with properly labeled spectrum (10 points)

Spectroscopic Interpretations

(10) Spectroscopic interpretations follow assigned format, complete and accurate, with appropriate
assignments
(8) Follows assigned format but missing some peak assignments OR good assignments but wrong format.
(6) Follows assigned format; critical data missing in one or more spectrum OR incorrect assignments
(3) Spectroscopic interpretations are poorly done and unjustified

Score: ______

Write one paragraph critiquing the procedure addressing its effectiveness for making high purity,
high yield of the desired product. What would you change if anything? (5 points)

(5) Succinct, scientific critique addressing both purity and yield
(3) Needs improvement in length, organization, or addressing purity or yield
(1) Lacking in two or more areas

Score: ______