

Chemistry 12 lab 20C

Name: _____

Formal lab Marking Scheme

Criteria	Description	Mark
TITLE PAGE	<ul style="list-style-type: none">Includes: title, name, lab partner, date, blockAbstract: 1-2 sentence summary of procedure or technique and results obtained. (What did you do and what did you find out?)	/3
PURPOSE	<ul style="list-style-type: none">Paraphrases the relevant objectives of labDetails what you want to find out by doing the lab and how you will do it	/1
MATERIALS	<ul style="list-style-type: none">References the correct textbook and pagesLists any additional materials/modifications usedIncludes a Table of Reagents for NaOH, CH₃COOH, and phenolphthalein<ul style="list-style-type: none">Chemical name and formula, molar mass, amount required, potential hazards, and first aid measures	/4
PROCEDURE	<ul style="list-style-type: none">References the correct textbook and pagesLists any modifications to the procedure	/1
DATA & OBSERVATIONS	<ul style="list-style-type: none">Includes signed copy of original data tablePresents data in table format with table title, correct units, and one sample calculation for repetitive calculationsCalculations p. 239 #4-8 with work shown and correct sig figs	/8
DISCUSSION	<ul style="list-style-type: none">Includes Follow-Up Questions #1-3 (with explanations)Analyzes & interprets results in paragraph format:<ul style="list-style-type: none">How does a titration work?Did you achieve your objectives? How do you know?Describe at least two sources of error and explain how it affected your results.Can you suggest improvements for the experiment?Explain the purpose of the indicator in a titration and the choice of indicator for this experiment.	/10
CONCLUSION	<ul style="list-style-type: none">Includes a brief (2-4 sentences) summary of what you found out by doing this lab	/1
WORKS CITED	<ul style="list-style-type: none">List any documents, books, websites, etc that you used in your lab report (assuming sources are reliable, of course)Use proper formatting (http://killarney.vsb.bc.ca/library/research.htm)	/2
TOTAL		/30