

Grading Sheet 105 Full Lab Reports (33 points total)

Student Name _____ Report: _____

Format (automatic one (1) point deduction for each requirement not met)

____ Numbered Reference List ____ Cover Page ____ Title ____ Author List
____ Reference Numbers in Text ____ Double Spaced ____ Figure and Table Captions ____ Page Numbers

By Section Below (Points are suggested maximum deductions, each section is graded out of 33 points)

Writing (applies to each section)

Spelling/Grammar (some -4, many -6, unreadable -30), Vocabulary (-4), Tense Consistency (-4), Not using passive voice (-4), Poor organization (-4), missing references (-2)

Comments on Writing:

Introduction

Missing: goal or what may be learned from experiment (-4), what hypothesis is being tested (-4), background of experiment (-6). Balanced chemical equations missing where appropriate (-6)

Comments on Introduction:

Experimental

Missing: reagents (-4), equipment manufacture names and pertinent specifications (-4)

Procedures followed: cannot reproduce work from description (-16), could reproduce work from description after some experimentation or research (-8), could reproduce work from description but some parts are unclear (-4), easy to reproduce work from description (-0).

Comments on Experimental:

Results

Missing Data (up to -16), Data not displayed appropriately using graphs and tables (up to -8)

Equations and Calculations: Symbols/variables not defined (up to -8), Units missing (up to -8), Significant digit errors (-4), Sample calculation(s) missing (-8)

Comments on Results:

Discussion/Conclusions

Missing: what was learned (-8), comparison with previous experiments from literature or classmate (-6)

Missing discussion of: hypothesis (is alternative suggested) (-6), error sources (-6)

Suggestions for improvement of the experiment are not required but are nice.

Comments on Discussion/Conclusions:

Total Score $\{0.75 \cdot (33 - \text{total deductions}) + 0.25 \cdot (\text{average of partners' scores})\}$:

Credit Fraction $\{1.00 - \text{days late} \cdot 0.10, \text{ or } 0 \text{ if } 1 \text{ week or more late}\}$:

Final Score $\{\text{Total Score} \cdot \text{Credit Fraction}\}$: