

Grading Sheet 106 Group Lab Reports (14 points total)

Student Name _____ Report: _____

Format (automatic one-half (1/2) 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 14 points)

Writing (applies to each section)

Spelling/Grammar (some -2, many -3, unreadable -12), Vocabulary (-2), Tense Consistency (-2), Not using passive voice (-2), Poor organization (-2), missing references (-1)

Comments on Writing:

Introduction

Missing: goal or what may be learned from experiment (-2), what hypothesis is being tested(-2), background of experiment (-3). Balanced chemical equations missing where appropriate (-3)

Comments on Introduction:

Experimental

Missing: reagents (2), equipment manufacture names and pertinent specifications (-2)

Procedures followed: cannot reproduce work from description (-7), could reproduce work from description after some experimentation or research (-4), could reproduce work from description but some parts are unclear (-2), easy to reproduce work from description (-0).

Comments on Experimental:

Results

Missing Data (up to -7)

Data displayed appropriately using graphs and tables (up to -4)

Equations and Calculations

 Symbols/variables not defined (up to -4)

 Units missing (up to -4)

 Significant digit errors (-2)

 Sample calculation(s) missing (-4)

Comments on Results:

Discussion/Conclusions

Missing: what was learned (-4), comparison with previous experiments from literature (-2)

Missing discussion of: hypothesis (is alternative suggested) (-2), error sources (-2)

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

Comments on Discussion/Conclusions:

Total Score { $0.75 \cdot (14 - \text{total deductions}) + 0.25 \cdot (\text{average of partners' scores})$ }:

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

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