

Grading Sheet 106 Group Lab Reports (16 points total)

Student Name _____ Report: _____

Points are suggested deductions

Writing

Spelling/Grammar (some -2, many -3, unreadable -14), Vocabulary (-2), Tense Consistency (-2), Not using passive voice (-2), Poor organization (-2)

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 (-8), 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 -8)

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

Captions missing from graphs or tables (-2)

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•(16 - total deductions) + 0.25•(average of partners's scores)}:

Credit Fraction {1.00 - days late•0.10, or 0 if 1 week or more late}:

Final Score {Total Score • Credit Fraction}: