

## Grading Sheet 105 Full Lab Reports (15 points total)

Student Name \_\_\_\_\_ Report: Chemiluminescence ,Gas, Separations  
Points are suggested deductions

### Overall

Spelling/Grammar (some -1, many -2, unreadable -14)

Vocabulary (-1)

Tense Consistency (-1)

Not using passive voice (-1)

Poor organization (-1)

Comments on Writing:

### Introduction

Missing: goal or what may be learned from experiment (-1/2), what hypothesis is being tested(-1/2), background of experiment (-1/2).

Balanced chemical equations missing where appropriate (-1/2)

Comments on Introduction:

### Experimental

Missing: reagents (-1/2), equipment manufacture names and pertinent specifications (-1/2)

Procedures followed: cannot reproduce work from description (-3), could reproduce work from description after some experimentation or research (-1.5), could reproduce work from description but some parts are unclear (-1), easy to reproduce work from description (-0).

Comments on Experimental:

### Results

Missing Data (up to -3)

Data displayed appropriately using graphs and tables (up to -1)

Captions missing from graphs or tables (-1/2)

Equations and Calculations

    Symbols/variables not defined (up to -1)

    Units missing (up to -1)

    Significant digit errors (-1/2)

    Sample calculation(s) missing (-1)

Comments on Results:

### Discussion/Conclusions

Missing: what was learned (-1), comparison with previous experiments from literature (-1/2)

Missing discussion of: hypothesis (is alternative suggested) (-1/2), error sources (-1/2)

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

Comments on Discussion/Conclusions:

Total Score (15 - total deductions):

Credit Fraction (1.00 - days late\*0.10, or 0 if 1 week or more late):

Final Score (Total Score \* Credit Fraction):