

**Grading Sheet 106 Group Lab Reports (20 points total)**

**Fall 2007**

Report: \_\_\_\_\_

Format (automatic one-half, 1/2, point deduction for each requirement not met. Deducted from each student score)

\_\_\_ 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 20 points)

Writing (applies to each section)

Spelling/Grammar (some -3, many -4, unreadable -16), Vocabulary (-3), Tense Consistency (-3), Not using passive voice (-3), Poor organization (-3), missing references (-1)

Introduction Responsible Student Name: \_\_\_\_\_

Writing deductions: \_\_\_\_\_

Missing: goal or what may be learned from experiment (-3), what hypothesis is being tested(-3), background of experiment (-4). Balanced chemical equations missing where appropriate (-4)

*Comments on Introduction:*

Experimental Responsible Student Name: \_\_\_\_\_

Writing deductions: \_\_\_\_\_

Missing: reagents (-3), equipment manufacture names and pertinent specifications (-3)

Procedures followed: cannot reproduce work from description (-10), could reproduce work from description after some experimentation or research (-5), could reproduce work from description but some parts are unclear (-3), easy to reproduce work from description (-0).

*Comments on Experimental:*

Results Responsible Student Name: \_\_\_\_\_

Writing deductions: \_\_\_\_\_

Missing Data (up to -10), Data displayed appropriately using graphs and tables (up to -5)

Equations and Calculations: Symbols/variables not defined (up to -5), Units missing (up to -5), Significant digit errors (-3), Sample calculation(s) missing (-5)

*Comments on Results:*

Discussion/Conclusions Responsible Student Name: \_\_\_\_\_

Writing deductions: \_\_\_\_\_

Missing: what was learned (-10), comparison with previous experiments from literature classmate data(-8)

Missing discussion of: hypothesis (is alternative suggested) (-4), error sources (-4)

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

*Comments on Discussion/Conclusions:*

Name:				
Raw Point Score (20 - total deductions)				
Group Weighted Score $0.75 \cdot \text{raw} + 0.25 \cdot (\text{average of partner's raw})$				
Credit Fraction 1.00 - (days late $\cdot$ 0.10), or 0 if 1 week or more late				
Final Score (Group Weighted $\cdot$ Credit Fraction)				