

Lab Notebook Guidelines and Grading Rubric

BE C E ED E EB
A AB E C E

C C

E

A

I. Title of experiment, date

II. Introduction

A

E E CE

Note: Instructor and TA initial above sections. It is the student's responsibility to get a notebook signed. If this section is not initialed, a 2-point deduction per missing signature, per experiment, is applied

III. Procedure (optional)

IV. Results

A

A

E

V. Conclusion

B E

Example: The purpose of this experiment was to quantify the percent sodium carbonate in an unknown sample. In unknown #12, it was determined that the solid unknown sample contained an average of 39.57 % sodium carbonate (Na_2CO_3). Standard deviation was 0.1256 and parts per thousand was 3.17, indicating great precision of lab work. To the experimenter's knowledge no major errors occurred during the completion of the experiment. In terms of accuracy, reported to me in Sakai via the instructor, the experimental value of 39.57 % sodium carbonate versus the theoretical composition of unknown #12 earned me 187.5 out of 200 points, a 93.8 % accuracy grade. This indicated a high degree of accuracy of the experimental work.

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