

Lab 4 grading rubric

CHEM 212

 /40 pts total

 /10 pts *Procedure and Measurements (prelab)*

10- data tables neat & complete; complete procedure; good lab technique.

Can perform lab entirely from lab notebook.

7- lacking one of the three criteria listed above.

 /10 pts *Accuracy- Based on the accuracy and precision*

 /20 pts *write-ups*

 /3 **Abstract- summarize all major points lab writeup in ~250 words**

3- Concise summary of experiment, results, and conclusions

1- wordy, unfocused or incomplete summary

 /3 **Introduction- description of why you are doing this experiment**

4- Concise summary of pertinent introductory information

2- wordy, unfocused or incomplete

 /5 **Results- Showcase your processed data- describe what you found**

5- clear, appropriate calculations compiled in tables; concise description of findings

3- small issues with calculations, presentation, or description

1- substantial issues with calculations, presentation, or description

 /5 **Questions/Discussion- What do your results mean?**

5- clear, concise, thoughtful responses to questions or discussion of results

3- small issues with responses to questions or discussion of results

1- substantial issues with responses to questions or discussion of results

 /2 **Conclusions- Sum it up**

3- clearly enumerated conclusions follow from discussion

1- unfocused, unclear, or conclusions do not follow from previous text

 /2 **Error propagated through calculations**

email calculations to instructor or attach them to the lab as an appendix