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| Lab Notebook |  | /25 |
|  | Procedure/ Safety/ Waste disposal | /10 |  |
|  | Signatures | /5 |  |
|  | Data | /10 |  |
| Formal Report |  | /75 |
|  | Title Page | /5 |  |
|  | Results and Calculations | /20 |  |
|  | Discussion  | /20 |  |
|  | Conclusion | /10 |  |
|  | Questions | /20 |  |
| Total |  | /100 |

Avogadro’s Number Experiment

Lab Notebook

1. Reference the procedure, make notes of any changes you made, and point out safety precautions as well as any waste disposal requirements.
2. Signatures – remember to sign and date data and get instructor to sign it as well
3. Data – organize data in a clear format, be sure to use proper significant figures and maintain integrity of data. You will lose 1 point from the data section for each time I must remind you to wear your safety glasses.

Formal Report

1. Title Page – Record your name, experiment name, section, and date.
2. Results and calculations – append the spreadsheet to blackboard
3. Discussion – discuss your results and where error may have crept into your data. Suggest ways to improve your data in the future.
4. Conclusion – Tell the value of Avogadro’s number that you calculated from your data as well as the percent error
5. Questions – Answer the question in the middle of the data sheet and the 4 post lab questions.