2 Component Alloy – Grading Rubric

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| --- | --- | --- | --- |
| Lab Notebook | |  | /6 |
|  | Data/Log/Observations | /3 |  |
|  | Signature and Stamp | /1 |  |
|  | Procedure | /2 |  |
| Formal Report | |  | /59 |
|  | Title Page | /2 |  |
|  | Objective | /2 |  |
|  | Data Summary/ Calculations | /10 |  |
|  | Discussion | /15 |  |
|  | Conclusion | /6 |  |
|  | Post lab questions | /24 |  |
| Computer Printout | |  | /35 |
| Total | |  | /100 |

Report should include

1. Title page
2. Objective
3. Results and Calculations
   1. Summarizing major data (table)
   2. Show how you calculated total moles H2 (g)
   3. Show clearly how you solved for the percent composition include demonstrations of your logic.
4. Discussion
   1. Accuracy and precision of data
   2. Sources of error
   3. Do you think the alloy was a homogeneous or heterogeneous alloy and why?
5. Conclusion
6. Questions
7. Excel sheet