Empirical Formula Post Lab Grade Sheet **Name: Period:**

**General**

* Headers not filled out
* Footers not signed/dated
* Sections not labeled
* Not adequate spacing
* Lack of Professionalism/Care/Thought
* Extra sections included that were not asked for
* Other:

**Observations/Data Tables**

* Missing either qualitative or   
  quantitative data
* No title on data tables
* Titles not descriptive
* Too small/squished/messy
* Observations lacking detail or content

**Calculations**

|  |  |  |  |
| --- | --- | --- | --- |
| * Work not shown   + 1   + 2   + 3   + 4   + 5   + 6   + 7 | * Work Insufficient   + 1   + 2   + 3   + 4   + 5   + 6   + 7 | * Answer Incorrect   + 1   + 2   + 3   + 4   + 5   + 6   + 7 |  |
|  | | |

* Missing Questions:

**Discussion Questions**

|  |  |  |
| --- | --- | --- |
| **General** | 5 |  |
| **Obs/Data Tables** | 15 |  |
| **Calcs.** | 25 |  |
| **Discussion Qs** | 15 |  |
| ***Total*** | 60 |  |

* Questions copied from handout
* Questions not copied, but not paraphrased into your answer

|  |  |  |
| --- | --- | --- |
| * Incorrect   + 1   + 2   + 3A   + 3B   + 3C   + 4 | * Insufficient   + 1   + 2   + 3A   + 3B   + 3C   + 4 | 1. Not heating long enough or hot enough – means not all the Mg will react 2. Contaminated – may produce other compounds 3. A) Antoine Lovoisier – 1st to do it. Large and   expensive machine B) Justus von Liebig – needed less sample and single   operator. CaCl2 absorbs H2O, KOH absorbs CO2,   measure by difference C) Fritz Pregl – Nobel Prize for micro method |

* Missing Questions: