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 machineB) Justus von Liebig – needed less sample and single  operator. CaCl2 absorbs H2O, KOH absorbs CO2,  measure by differenceC) Fritz Pregl – Nobel Prize for micro method
4.
 |

* Missing Questions: