

Lab – Law of Conservation of Mass

Due – Thursday, Nov 13, 2014 – email by 11: 59 pm

Section	Expectations	Mark
Purpose	Point of lab and how it is done Include balanced chemical equations under study	/4
Hypothesis	Based on Law of Conservation of Mass	/1
Materials	List with safety concerns	/2
Procedure	Past, passive, impersonal Numbered list Clear concise language	/3
Observations	Qualitative – for each reaction - 2 Quantitative - uncertainties & units - 2 Tables well designed – title with descriptor, appropriate column headers, complete data - 3	/7
Data Analysis	Comparing mass of reactants to mass of products - 2 Include % difference - 2 Organized in a table -1 Use excel to save time	/5
Conclusion	State your findings including how it was found - 2 Explanation if hypothesis is not supported by evidence (sources of error) – 2 (1@ rxn) Suggest modifications to match each source of error - 2	/6