

FALL 2016

LAB REPORT RUBRIC – CH 204

EXPERIMENT #8 – PERIODIC PROPERTIES OF THE ELEMENTS

INTRODUCTION						WEIGHT
Contains 1-2 well-developed paragraph(s)	A	B	C	D	F	/1
States the purpose of the experiment accurately and concisely	A	B	C	D	F	/2
States the experimental approach accurately: the types of reagents and experimental conditions needed to investigate trends in reactivity	A	B	C	D	F	/2
Clearly defines and links chemical relationships to observing chemical change which is fundamental to the experiment: correlation of ionization energy and electron affinity to chemical reactivity	A	B	C	D	F	/2
Concisely explains in concluding statement how results were evaluated (i.e. correlation of chemical behavior of reaction products to position of elemental reactants on the periodic table)	A	B	C	D	F	/1
Comments:						/8
OBSERVATIONS						WEIGHT
Summary paragraph for experimental observations of reactivity and characteristics (pH, appearance, physical state)	A	B	C	D	F	/4
Complete balanced reaction provided for each chemical reaction conducted in a group	A	B	C	D	F	/18
Answers to italicized questions posed in lab manual	A	B	C	D	F	/4
Comments:						/26