

FALL 2016

LAB REPORT RUBRIC – CH 204

EXPERIMENT #4 – SPECTROSCOPIC DETERMINATION OF ALLURA RED

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	/3
States the experimental approach accurately and concisely	A	B	C	D	F	/2
Clearly links central mathematical and/or chemical relationships that are fundamental to the experimental purpose: absorption spectrum, Beer's Law, stock and working standards, calibration curve	A	B	C	D	F	/2
In concluding statement, author delineates in an accurate and concise manner how the reliability of the experimental results was evaluated	A	B	C	D	F	/2
Comments:						/10
PROCEDURE						WEIGHT
Contains one well-developed paragraph	A	B	C	D	F	/1
Accurately and concisely describes fundamental steps essential to conducting the experiment (e.g. equipment used, amounts dispensed, major procedural steps)	A	B	C	D	F	/2
Excludes details that are non-essential or can be assumed to be known by peers (e.g. do not describe how to use equipment, do not state that data was recorded or that a measurement was completed carefully)	A	B	C	D	F	/1
Cites lab manual appropriately	A	B	C	D	F	/1
Comments:						/5