

CHEM 370 Lab Report Rubric

Report For: **Group Name**

Grade: 135 / 135 total | 100%

pts

Manuscript Content

5	Title	5	4	3	2	1	Notes
5	Is the title <i>descriptive</i> and <i>succinct</i> ?	x					

15	Introduction	5	4	3	2	1	Notes
5	Does the Introduction clearly state the overall question/purpose of the study?	x					
5	Has relevant background information about the analyte(s) been given?	x					
5	Has relevant background information about the technique been given?	x					

16	Materials and Methods	5	4	3	2	1	Notes
8	Are methods detailed enough that the study can be repeated by another <i>trained scientist</i> ?	x					
8	Are instrument methods clearly detailed, including tables and diagrams?	x					

33	Results and Discussion	5	4	3	2	1	Notes
5	Has the main finding been clearly presented?	x					
8	Are there factual, logical, analytical, statistical, or mathematical errors?	x					
10	Is there sufficient data and/or supporting evidence to support the answer? Are the data <i>conclusive</i> and <i>high quality</i> ?	x					
5	Have the results been related back to the question(s) posed in the Introduction?	x					
5	Have the results been put into perspective by relating them to other scholarly sources? Have explanations to unexpected results been provided?	x					

19	Conclusions	5	4	3	2	1	Notes
8	Have the <i>impacts</i> of the results been clearly conveyed? (How could the findings be used to develop safety recommendations, public policy, new products, or new methods of understanding, etc.?)	x					
8	Are the conclusions free from logical errors?	x					
3	Has the study been adequately summarized?	x					

14	References	5	4	3	2	1	Notes
5	Have appropriate <i>scholarly</i> sources been cited where necessary?	x					
2	Are sources cited in the ACS format?	x					
5	Have low-quality or uncredible sources been avoided?	x					
2	Are all the citations in the text listed in the References section, and <i>vice-versa</i> ?	x					

Grammar, Formatting, & Style

33		5	4	3	2	1	Notes
5	Is the document written according to the CHEM 370 writing guide?	x					
2	Are sections clearly labelled?	x					
2	Are the transitions between sections and paragraphs logical?	x					
4	Are paragraphs and sentences cohesive?	x					
5	Are all figures and tables clearly explained, in order?	x					
10	Are there any grammar, punctuation, or spelling errors?	x					
5	Has unnecessary information been appropriately omitted?	x					

5 = excellent (A), 4 = good (B), 3 = satisfactory (C), 2 = needs improvement (D), 1 = lacking (F)

Parts adapted from: *Writing Papers in the Biological Sciences* by Angelika H. Hofmann. Oxford University Press 2016 (2nd ed.)