

## Scientific Report Rubric - Dr. Fischer

5 = Excellent, 3 = Average, 1 = Lacking

		5	4	3	2	1
Title	Is the title descriptive and succinct?					
Introduction	Does the Introduction clearly state the overall question/purpose of the study?					
	Has relevant background information about the analyte of interest been given?					
	Has relevant background information about the technique been given?					
	Is there anything that could be omitted?					
Materials & Methods	Are methods detailed enough that the study can be repeated by another trained scientist?					
	Are there any irrelevant details that could be omitted?					
	Are instrument methods clearly detailed, including tables where appropriate?					
Results & Discussion	Has the main finding been clearly presented?					
	Are there factual, logical, analytical, statistical, or mathematical errors?					
	Are all figures and tables clearly explained, in order?					
	Have the results been related back to the question(s) posed in the Introduction?					
	Is there sufficient data and/or supporting evidence to support the answer?					
	Have the results been put into perspective by relating them to literature libraries, standard data sources, and/or expectations?					
	Is there anything that could be omitted?					
Conclusions	Has the overall interpretation of the results been clearly conveyed?					
	Are there logical errors in the conclusions drawn?					
	Has the study been adequately summarized?					
	Has/have clear conclusion(s) been presented regarding question at hand?					
References	Have references been cited where needed?					
	Are sources cited adequately, appropriately, accurately, and in the ACS format?					
	Are all the citations in the text listed in the References section?					
General Style	Is the document written according to the CHEM 370 writing guide?					
	Are sections clearly labelled?					
	Are the transitions between sections and paragraphs logical?					
	Are paragraphs and sentences cohesive?					
Composition	Are there any grammar, punctuation, or spelling errors?					
	Is the style concise?					
	Is there excess wordiness?					
Overall Impressions						
	What are the manuscript's main strengths?					
	What are the manuscript's main weaknesses?					
	What specific recommendations can you make regarding revisions to the paper?					
	Does the manuscript provide interesting insights into the topic covered?					