

- If you want your report accepted, you **MUST USE** this Lab Write-up Template, as is. Do not alter, modify or delete any sections. Enter your content where you see “**Your info**”. **Share it with me electronically gromeo@yc.edu & submit the share link in CANVAS by the due date/time.**
- Tables, graphs & charts **ARE NOT TO BE HAND DRAWN & MUST BE IN the DOCUMENT NOT HYPERLINKED**
- Needs to be **YOUR** original work - Point penalty for collusion, grade of **ZERO** for plagiarism
- Write the report in 3rd person. i.e. **DO NOT** use pronouns such as I, we, they, us, my, his, her, etc.
- Points will be deducted for poor writing:
 - I cannot understand what you’ve written
 - False statements
 - Improper format, i.e. superscripts & subscripts
 - Poor grammar & grammatical errors

Section 1 - Statement of Objectives: 6 points total

	1	2
1	1-6 points	Statement of the objective(s) plus a summary statement of the outcome(s) (i.e. numbers and observations) of the experiment. Include all chemical equations for all reactions carried out in the experiment.
2		Enter your info here

Section 2 - Experimental/Methods: 8 points total

	1	2
1	1-4 points	Flowchart of the procedures including sketches – may be hand-drawn submit separately Click here for an example
2		Enter your info here
3	1-4 points	Summarize the toxicity and hazards for all substances used in an experiment. Use the <i>Handling and Hazards Sections</i> of the Material Safety Data Sheets (MSDS). It is <u>not necessary</u> to report substances that have been used in previous labs.
4		Enter your info here

Section 3 - Results: 16 points total

	1	2
1	1-4 points	Include details of observations made during the lab. This should include physical descriptions of what happened during a process.
2		Enter your info here

3	1-4 points	Presentation of numerical data in tabular form. Use a table caption to describe the contents of the table. Percent error should be included if a “true value” is known. Include a percent yield if applicable.
4		Enter your info here
5	1-4 points	Present any graphs, plots, or spectra that illustrate the results. Have detailed captions for all.
6		Enter your info here
7	1-4 points	Show one example of all calculations.
8		Enter your info here

Section 4 - Conclusion: 15 points total

	1	2
1	1-8 points	Begins with a brief restatement of the results. Even an unexpected or unreliable result should be presented and rationalized. Provide a thorough analysis of the data collected even if poor or unreliable results were obtained. In your narrative, be sure to refer to your table(s) and/or chart(s). <i>Avoid using the words “human error” to describe a source of error.</i> Describe realistic causes of error.
2		Enter your info here
3	1-3 points	Comment regarding what should be done to further and improve the investigation.
4		Enter your info here
5	1-4 points	Discuss how the experiment enhances understanding of the topic in lecture. Do not present this in 1 st person – rather state the learning as though your effort has furthered scientific understanding in general.
6		Enter your info here
