

reports | what's the difference?

Technical Reports vs. Lab Notebooks

Five standards were prepared by serial dilution using a 1000 mg/L acetaminophen stock in 1:3 methanol:water. ACS-grade Acetaminophen was obtained from Fisher Scientific. The methanol and water used were HPLC grade and were obtained from AlfaAesar.

VS.

Standards were prepared by serial dilution using a 1002.5 mg/L acetaminophen (Fisher Scientific Lot #123XYZ) stock solution in 1:3 methanol water. The methanol and water used were HPLC grade and were obtained from AlfaAesar (Lot # 12345678 and 12348910, respectively).

1. A high standard was prepared by pipetting 5.00 ml of the stock into a 25.0 ml volumetric flask and diluting to volume with the MeOH/H₂O solution.
2. A med-hi std was prepared by pipetting 15.00 ml of the high standard into a clean 25.0 ml vol flask and diluting
3. A med std was prepared by pipetting

reports | the writing process



Prewriting: Define audience & scope

Drafting: Lit review, outlining, bullet lists, rough writing (keep momentum!)

Revising: Each team member should read the manuscript for overall content

Editing: Each team member should copyedit for grammar, spelling, etc.

Evaluating: Peer-review

Publishing: Publishing