

pg 195 Determining the Formula of a Hydrate

- ① Intro - what is a hydrate
- ② Abstract (Experimental Design)
- ③ Materials - diagram of set up
- fully labelled
- ④ Procedure - Numbered list
- past tense, no pronouns
- ⑤ Observations - table format
- qualitative + quantitative

⑥ Analysis + Calculations a - d pg 196

- ⑦ Discussion
 - (A) What were the safety concerns for this lab?
 - (B) Describe 2 sources of error.
- Not human incompetence
 - (C) The actual formula for epsom salts is $\text{MgSO}_4 \cdot \text{—H}_2\text{O}$ (find yourself)
- compare numerically your results
[expected versus calculated % comp + % error]