

Exp #5
CHM 1045

Important info

- A.
 - 1. Make sure crucible is clean and fired properly
 - 2. Make sure to use same scale every time

- B. You will do this part 3 times
 - 1. Do not let the crucible become red hot!!! Make sure to cool to RT before reweighing!!
 - 2. Show me your values for 1 and 2 and I will decide if you need to do again

We will not be doing standard deviation or relative standard deviation

Pre-lab Questions To Do (remember to have them done before lab!)
1,2,3,4,5

Post-lab Questions To Do (NOT from lab manual!!)

- 1. Why is it necessary to fire the crucible before starting the experiment?
- 2. Why do we not want to heat the crucible to red hot?
- 3. Why do you use tongs instead of your fingers?
- 4. The hydrated salt is overheated and the anhydrous salt thermally decomposed, one product being a gas. Will the reported percent water in the hydrated salt be reported too high, too low, or unaffected? Explain