4. Error Analysis

Specific Error	Impact on Data and Results	How could your reduce this error?
① did not completely dehydrate	↑ Mass of dehydrate / ↓ % H_2O in hydrate	cook more thoroughly, multiple trials
② some hydrate was lost by sticking to the stirring rod.	↓ mass of dehydrate / ↑ % H_2O in hydrate	be more careful w/ stirring rod, not much other than that.
③ lost some dehydrate while after cooking (blew away)	↓ mass of dehydrate / ↑ % H_2O in hydrate	be more careful, use a watch glass to cover.

How might these sources of error interact with each other and what affect would those interactions have on your results?

if the magnitude of ① equaled the magnitude of ②/③ then the results wouldnt be to bad. otherwise ② & ③ will compound to make it apear that there is alot more H_2O than there realy is.