

Purpose & Procedure

In this lab we will be determining how molecules in a hydrate change and go through the dehydration process. We will be observing the change in the texture as well as the change in color if there is any. We will also be observing/measuring how much water each molecule loses or if any of the compounds gain water from the atmosphere.

We will also see which compounds are actually true hydrates which will allow us to know which compounds can truly reverse dehydration. We will overall be learning about the properties of hydrates. The procedure is as follow, place a few of the compounds on separate glasses and try and make the compound as small. Check for humidity and establish if a compound gained or lost.