

# WJEC GCSE Flashcards

## Component 2: Specific Practical 11 Determining the Formula of a Hydrated Salt

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What is the name given to water held up within a crystal structure?



What is the name given to water held up within a crystal structure?

Water of Crystallisation



What is the name given to the method used to ensure a substance is completely dry?



What is the name given to the method used to ensure a substance is completely dry?

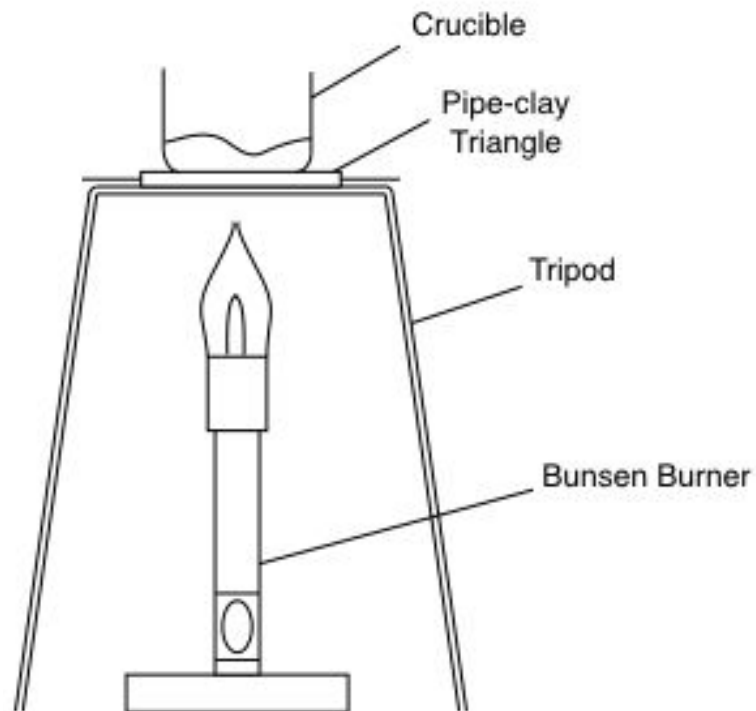
Weighing by Difference



Draw a labelled diagram  
of the equipment used to  
heat the hydrated salt.



Draw a labelled diagram of the equipment used to heat the hydrated salt.



What is the equation for calculating the moles in a known mass of a substance?





What is the name given to the method used to ensure a substance is completely dry?

$$\text{Moles} = \frac{\text{Mass}}{\text{Mr}}$$



Why must crucibles and  
pipe-clay triangles be  
handled with specific care?



Why must crucibles and pipe-clay triangles be handled with specific care?

They can smash very easily and get extremely hot during the heating process in this experiment. They can also retain heat for a long time.

