

To identify the acid radical present in given in the sample of salt

Preliminary test

- i) Physical state - Crystalline solid
- ii) Color - colorless
- iii) Smell - odorless
- iv) Solubility - Soluble in water
- v) Dry test

a. Dig. Sulphuric Acid (H_2SO_4)

Experiment	Observation	Inference
Ten drops of dil H_2SO_4 was added to the pinch of salt.	Colorless, odorless glassy with brisk effervescence	CO_3 -- may be

Confirmation test

Magnesium sulphate ($MgSO_4$)

Teacher's Signature _____