

SALT ANALYSIS

1) For $MgSO_4$ - magnesium Sulfate:-

Aim:- To analyze the given salt for an anion and one cation present in it.

Material Required:- Boiling Tube, Test Tubes, Test Tube Holder, Test Tube Stand, delivery tube, Corks, Filter paper, Test paper.

Procedure:-

Sr.	Test	Observation	Inference
i)	Colour	White	
ii)	Odour		
iii)	Flame test	Greenish white	
iv)	Test with H_2SO_4 Sol (Salt + conc. H_2SO_4)	No ppt. form	
v)	Test with H_2SO_4 Sol (Salt + conc. H_2SO_4)	No.	

ii) For $Fe^{2+}Cl^-$, Ferrous chloride :-

Aim:- To analyze the given salt for an anion and one cation present in it.

Material Required:- Boiling Tube, Test Tube, Test Tube Holder, Test Tube Stand, delivery tube, Corks, Filter paper, Test paper.

Procedure:-

Sr.	Test	Observation	Inference
		Brown reddish	Fe^{2+} may be present
		Colourless	NO_3^- , S^{2-} , CO_3^{2-} are absent
			Ca^{2+} , S^{2-} , SO_4^{2-} , NO_3^- are absent
			Cl^- may be present
			Cl^- confirmed

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Experiment - SALT ANALYSIS

5 most Important Salt

Handwritten PDF Notes

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