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CERTIFICATE OF ANALYSIS

Name of the Sample : **Iron (III) Sulfate Hydrated AR
(Ferric Sulphate hydrated AR)**
Batch No. : **228529**
Date of Mfg. : **April 2025**
Date of Exp : **March 2030**
Register No. : **2025-26**
Qty of Sample : **500gm**
Date of Analysis : **April 2025**

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Grayish white to off-White color powder
2.	Assay as $Fe_2(SO_4)_3$	73.56%	Min.73.5%
3.	Solubility	Passes	Slowly soluble in water ; rapidly Soluble in the Presence of trace of ferrous – sulphate; sparingly soluble in alcohol
4.	Chloride	0.0092%	Max.0.01%
5.	Copper	0.0025%	Max.0.005%
6.	Ferrous iron	0.018%	Max.0.02%
7.	Insoluble matter	0.002%	Max.0.02%
8.	Nitrate	0.002%	Max.0.01%
9.	Substances not pptd by NH_4OH	0.074%	Max.0.1%
10.	Zinc	0.005%	Max.0.005%

Chief Chemist