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Registered Off. : 101-A, Deep Enclave, Pocket 'D', Ashok Vihar, Phase-III, Delhi-110 052 (India)  
Corporate Off. : 152, Vardhman City Centre, Near Shakti Nagar Underbridge, Delhi-110052 (India)  
Works : Plot No.1022, Modern Industrial Estate, Bahadurgarh-124507, Haryana (India)  
Telephone : 0091 - 11 - 23646422 E-mail : tecpharm@gmail.com  
Website : www.technopharmchem.com

### CERTIFICATE OF ANALYSIS

Name of the Sample : Ferric Sulphate hydrated AR  
Batch No. : 224263  
Date of Mfg : Oct 2020  
Date of Exp : Sep 2025  
Register No. : 2020-21  
Qty of Sample : 500gm  
Date of Analysis : Oct 2020

S.No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Grayish white to off-White color powder
2.	Assay as $Fe_2(SO_4)_3$	74.1%	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	0.009%	Max.0.01%
5.	Copper	0.002%	Max.0.005%
6.	Ferrous iron	0.006%	Max.0.02%
7.	Insoluble matter	0.008%	Max.0.02%
8.	Nitrate	0.005%	Max.0.01%
9.	Substances not pptd by $NH_4OH$	0.078%	Max.0.1%
10.	Zinc	0.005%	Max.0.005%

**Chief Chemist**