

CERTIFICATE OF ANALYSIS

PRODUCT NAME : FERROUS SULPHATE AR (HEPTAHYDRATE)

CAS No	: 7782-63-0	Product code	: 23300
Mol. Formula	: FeSO ₄ .7H ₂ O	Batch No.	: MCAR-01197
Mol. WT	: 278.01	Mfd.	: Feb. 2025
Date of analysis	: 06/02/25	Exp.	: Jan. 2030

S.R	Test	Specification	Observation
1	Description	Bluish-green crystalline powder.	Bluish-green crystalline powder.
2	Assay	99 - 104.5% w/w	99.94% w/w
3	pH (5% aq. solution)	3.0 – 4.0	3.65
4	Insoluble matter	0.005% max	< 0.005%
5	Chloride (Cl)	0.0005% max	< 0.0005%
6	Nitrogen compounds (N)	0.001% max	< 0.001%
7	Phosphate (PO₄)	0.001% max	< 0.001%
8	Arsenic (As)	0.00004% max	< 0.00004%
9	Magnesium (Mg)	0.005% max	< 0.005%
10	Calcium(Ca)	0.005% max	< 0.005%
11	Copper (Cu)	0.001% max	< 0.001%
12	Ferric Iron (Fe)	0.05% max	< 0.05%
13	Lead (Pb)	0.002%max	< 0.002%
14	Manganese (Mn)	0.05% max	< 0.05%
15	Zinc (Zn)	0.01% max	< 0.01%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Shruti)**



[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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