



CERTIFICATE OF ANALYSIS

PRODUCT NAME : FERROUS SULPHATE AR (HEPTAHYDRATE)

CAS No : 7782- 63- 0
Mol. Formula : FeSO₄.7H₂O
Mol. WT : 278.01
Date of analysis : 20/12/23

Product code : 23300
Batch No. : MCRT-29094-01
Mfd. : Dec. 2023
Exp. : Nov. 2028

S.R	Test	Specification	Observation
1	Description	Bluish-green crystalline powder.	Bluish-green crystalline powder.
2	Assay	99 - 104.5% w/w	99.96% w/w
3	pH (5% aq. solution)	3.0 – 4.0	3.68
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
(Deepa)**

[QC Incharge]

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

Note: Computer generated image requires no sign.

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