



CERTIFICATE OF ANALYSIS

PRODUCT NAME : FERROUS SULPHATE AR (HEPTAHYDRATE)

CAS No	: 7782- 63- 0	Product code	: 23300
Mol. Formula	: FeSO₄.7H₂O	Batch No.	: MCRT-28697
Mol. WT	: 278.01	Mfd.	: July 2023
Date of analysis	: 05/07/23	Exp.	: June 2028

S.R	Test	Specification	Observation
1	Description	Bluish-green crystalline powder.	Bluish-green crystalline powder.
2	Assay	99 - 104.5% w/w	101.21% w/w
3	pH (5% aq. solution)	3.0 – 4.0	3.43
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]

[QC Incharge]

**CHEMIST
(Nikita)**

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

Note: Computer generated image requires no sign.

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA)
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : info@molychem.net
Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503**