



CERTIFICATE OF ANALYSIS

Product Name : FERROUS SULPHATE HEPTAHYDRATE 99% AR/ACS
Lot No. : B380712108 Analyzed On : 25-Aug-2021
Mol. Formula : FeSO₄.7H₂O Mol. Weight : 278.01
Code No. : 03850 CAS No. : 7782-63-0
Mfg. Date : Aug-2021 Exp. Date : Jul-2024
HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	Light blue or blue-green or green powder or crystals	Light blue -green crystals
2	Assay	Min 99.0%	100.83%
3	Ferric ion (Fe ⁺³)	Max 0.1%	0.1%
4	Copper (Cu)	Max 0.005%	0.00019%
5	Insoluble matter	Max 0.01%	<0.01%
6	pH (5% solution in water)	3.0 - 4.0	3.82
7	Chloride (Cl)	Max 0.001%	0.001%
8	Phosphate (PO ₄)	Max 0.001%	0.001%
9	Manganese (Mn)	Max 0.05%	0.0200%
10	Zinc (Zn)	Max 0.005%	0.0031%
11	Calcium (Ca)	Max 0.005%	0.00033%
12	Magnesium (Mg)	Max 0.002%	0.002%
13	Potassium (K)	Max 0.002%	0.00009%
14	Sodium (Na)	Max 0.02%	0.00016%

CONCLUSION -This above product complies as per the specifications of **LOBA CHEMIE PVT. LTD.**

Shashikant Gaikwad
QC Manager

LOBA CHEMIE PVT. LTD.

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LOBA/QC/FM/01

04/10.03.2021