



CERTIFICATE OF ANALYSIS

ISO 9001-2015 CERTIFIED

Product Name : AMMONIUM FERROUS SULPHATE HEXAHYDRATE 99% AR/ACS
Lot No. : B571272509 Release Date : 09-Sep-2025
Mol. Formula : $(\text{NH}_4)_2\text{SO}_4\text{FeSO}_4 \cdot 6\text{H}_2\text{O}$ Mol. Weight : 392.13
Code No. : 01191 CAS No. : 7783-85-9
Mfg. Date : Sep-2025 Exp. Date : Aug-2028
HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	Greenish blue crystals/crystalline powder	Greenish blue crystalline powder
2	Assay (oxidimetric)	99 - 101.5%	101.2%
3	Insoluble matter	Max 0.01%	0.008%
4	Phosphate (PO_4)	Max 0.003%	0.002%
5	Calcium (Ca)	Max 0.005%	0.001%
6	Copper (Cu)	Max 0.003%	0.00008%
7	Ferric ion (Fe^{+3})	Max 0.01%	0.007%
8	Manganese (Mn)	Max 0.01%	0.004%
9	Magnesium (Mg)	Max 0.002%	0.0010%
10	Potassium (K)	Max 0.002%	0.000096%
11	Sodium (Na)	Max 0.02%	0.0009%
12	Substance not precipitated by NH_4OH	Max 0.05%	0.03%
13	Zinc (Zn)	Max 0.003%	0.0002%

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

Monil Tandel
Chemist

Jagruti B. Patil
QC Manager

LOBA CHEMIE PVT. LTD.

Mfg. Add.: LOBA Chemie Pvt. Ltd. Plot No. D-22, MIDC Tarapur, Boisar, Tal. & Dist.-Palghar, Maharashtra-401506

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LOBA/QC/FM/01

06/01.06.2023