



## CERTIFICATE OF ANALYSIS

Product Name : AMMONIUM FERROUS SULPHATE HEXAHYDRATE 99% AR/ACS  
Lot No. : B382822109 Analyzed On : 08-Sep-2021  
Mol. Formula : (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub>FeSO<sub>4</sub>.6H<sub>2</sub>O Mol. Weight : 392.13  
Code No. : 01191 CAS No. : 7783-85-9  
Mfg. Date : Sep-2021 Exp. Date : Aug-2024  
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%	100.25%
3	Insoluble matter	Max 0.01%	<0.01%
4	Phosphate (PO <sub>4</sub> )	Max 0.003%	0.0030 %
5	Calcium (Ca)	Max 0.005%	0.000082%
6	Copper (Cu)	Max 0.003%	0.000036%
7	Ferric ion (Fe+3)	Max 0.01%	0.0048%
8	Manganese (Mn)	Max 0.01%	0.000067%
9	Magnesium (Mg)	Max 0.002%	0.000015%
10	Potassium (K)	Max 0.002%	0.000045%
11	Sodium (Na)	Max 0.02%	0.000075%
12	Substance not precipitated by NH <sub>4</sub> OH	Max 0.05%	0.05%
13	Zinc (Zn)	Max 0.003%	Nil

**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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