



## CERTIFICATE OF ANALYSIS

Product Name : AMMONIUM FERRIC SULPHATE DODECAHYDRATE 98.5% AR/ACS  
Lot No. : B408392205 Analyzed On : 09-May-2022  
Mol. Formula :  $\text{NH}_4\text{Fe}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$  Mol. Weight : 482.19  
Code No. : 01180 CAS No. : 7783-83-7  
Mfg. Date : May-2022 Exp. Date : Apr-2027  
HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	Pale violet crystals	Pale violet crystals
2	Assay (iodometric)	98.5 - 102%	99.88%
3	Insoluble matter	Max 0.01%	0.01%
4	Chloride (Cl)	Max 0.001%	0.00099%
5	Ferrous ion ( $\text{Fe}^{2+}$ )	Passes test (about 0.001%)	Passes test
6	Nitrate ( $\text{NO}_3$ )	Max 0.01%	0.01%
7	Calcium (Ca)	Max 0.01%	0.0016%
8	Magnesium (Mg)	Max 0.005%	Nil
9	Potassium (K)	Max 0.005%	0.00036%
10	Sodium (Na)	Max 0.02%	Nil
11	Copper (Cu)	Max 0.003%	0.00012%
12	Zinc (Zn)	Max 0.003%	0.00019%
13	Substance not preprecipitated by $\text{NH}_3$ (as $\text{SO}_4$ )	Max 0.05%	0.05%

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

Narayan  
Chemist

Shashikant Gaikwad  
QC Manager

**LOBA CHEMIE PVT. LTD.**

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