



CERTIFICATE OF ANALYSIS

Product Name : AMMONIUM FERRIC SULPHATE DODECAHYDRATE 98.5% AR/ACS
Lot No. : B350982107 Analyzed On : 16-Jul-2021
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 : Jul-2021 Exp. Date : Jun-2026
HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	Pale violet crystals	Pale violet crystals
2	Assay (iodometric)	98.5 - 102%	100.71%
3	Insoluble matter	Max 0.01%	<0.01%
4	Chloride (Cl)	Max 0.001%	0.0010%
5	Ferrous ion (Fe^{2+})	Passes test (about 0.001%)	<0.001%
6	Nitrate (NO_3)	Max 0.01%	0.0080%
7	Calcium (Ca)	Max 0.01%	0.00034%
8	Magnesium (Mg)	Max 0.005%	0.00029%
9	Potassium (K)	Max 0.005%	0.00035%
10	Sodium (Na)	Max 0.02%	0.0003%
11	Copper (Cu)	Max 0.003%	0.000095%
12	Zinc (Zn)	Max 0.003%	0.00009%
13	Substance not preprecipitated by NH_3 (as SO_4)	Max 0.05%	0.050%

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

Shashikant Gaikwad
QC Manager

LOBA CHEMIE PVT. LTD.

Works : Plot No. D-22, MIDC, Tarapur Industrial Area, Tarapur, Boisar, Taluka- Palghar, Dist. Palghar, Pin-401506

Tel: 91.02525-663630/39/34

Regd Office : 107 Wode House Road, Jehanghir Villa, Colaba, Mumbai-400005

Tel: 91.22.6663 6663, Fax: 91.22.22151099

info@lobachemie.com | www.lobachemie.com