



CERTIFICATE OF ANALYSIS

Product Name : ALUMINIUM SULPHATE OCTADECALHYDRATE 98% AR
Lot No. : A326882106 Analyzed On : 23-Jun-2021
Mol. Formula : $Al_2(SO_4)_3 \cdot 18H_2O$ Mol. Weight : 666.42
Code No. : 00974 CAS No. : 7784-31-8
Mfg. Date : Jun-2021 Exp. Date : May-2026
HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	A white crystalline powder	white crystalline powder
2	Assay (as $Al_2(SO_4)_3 \cdot 18H_2O$]; complexometric)	98 - 102%	100.29%
3	Insoluble matter	Max 0.01%	<0.01%
4	Reaction	Min pH 2.5	3.04
5	Chloride (Cl)	Max 0.001%	0.001%
6	Ammonium (NH ₄)	Max 0.01%	0.0018%
7	Copper (Cu)	Max 0.001%	0.0001%
8	Iron (Fe)	Max 0.002%	0.002%
9	Heavy metal (as Pb)	Max 0.001%	0.00004%
10	Calcium (Ca)	Max 0.01%	0.005%
11	Magnesium (Mg)	Max 0.002%	0.00006%
12	Potassium (K)	Max 0.005%	0.0003%
13	Sodium (Na)	Max 0.02%	0.02%
14	Substance not precipitated by ammonia (as SO ₄)	Max 0.2%	0.18%

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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