

CERTIFICATE OF ANALYSIS

Product Name : MAGNESIUM SULPHATE HEPTAHYDRATE 99.5% AR/ACS
 Lot No. : B377692107 Analyzed On : 31-Jul-2021
 Mol. Formula : MgSO₄.7H₂O Mol. Weight : 246.47
 Code No. : 04479 CAS No. : 10034-99-8
 Mfg. Date : Jul-2021 Exp. Date : Jun-2026
 HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	Colorless crystals or a white, crystalline powder	Colorless crystals
2	Assay	99.5 - 102%	100.05%
3	Insoluble matter in water	Max 0.005%	<0.005%
4	pH (5% solution in water)	5 - 7	6.03
5	Nitrate (NO ₃)	Max 0.002%	0.0019%
6	Ammonium (NH ₄)	Max 0.002%	0.0018%
7	Chloride (Cl)	Max 0.0005%	0.00048%
8	Calcium (Ca)	Max 0.02%	0.00044%
9	Heavy metals (by ICP-OES)	Max 0.0005%	Nil
10	Iron (Fe)	Max 0.0005%	Nil
11	Potassium (K)	Max 0.005%	0.000026%
12	Manganese (Mn)	Max 0.0005%	0.000053%
13	Sodium (Na)	Max 0.005%	0.000054%
14	Strontium (Sr)	Max 0.005%	<0.005%

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

LOBA/QC/FM/01

04/10.03.2021