

CERTIFICATE OF ANALYSIS

Product Name : MAGNESIUM CHLORIDE HEXAHYDRATE 98% AR
 Confirming to BP
Lot No. : A397782201 **Analyzed On** : 10-Jan-2022
Mol. Formula : MgCl₂.6H₂O **Mol. Weight** : 203.30
Code No. : 04468 **CAS No.** : 7791-18-6
Mfg. Date : Jan-2022 **Exp. Date** : Dec-2026
HAZ. / P.G. : - **UN No.** : -

Sr.	Tests	Specifications	Results
1	Appearance	Colorless crystals or white crystalline powder	White crystalline powder
2	Assay	98-101.0%	100.42%
3	Alcohol insoluble matter	Passes test	Passes test
4	Insoluble matter in water	Max 0.005%	< 0.005%
5	Nitrogen compounds (as N)	Max 0.002%	< 0.002%
6	Phosphate (PO ₄)	Max 0.0005%	0.00035%
7	Sulphate (SO ₄)	Max 0.002%	0.0016%
8	Arsenic (As)	Max 0.0002%	< 0.0002
9	Barium (Ba)	Max 0.005%	Nil
10	Calcium (Ca)	Max 0.01%	0.001%
11	Iron (Fe)	Max 0.0005%	0.000088%
12	Heavy metal (as Pb)	Max 0.0005%	0.000030%
13	Manganese (Mn)	Max 0.0005%	0.000031%
14	Potassium (K)	Max 0.005%	0.00041%
15	Sodium (Na)	Max 0.005%	0.00020%
16	Strontium (Sr)	Max 0.005%	Nil
17	Water (H ₂ O)	51 - 55%	51.09%
18	pH (5 % solution)	5.0 - 6.5	6.19
19	Bromide (Br)	Max 0.05%	< 0.05%

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



Ruchita D.
Chemist



Shashikant Gaikwad
QC Manager

LOBA CHEMIE PVT. LTD.

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LOBA/QC/FM/01

05/26.10.2021