

CERTIFICATE OF ANALYSIS

Product Name : MAGNESIUM OXIDE HEAVY 98% Extra Pure
Lot No. : L347752104 Analyzed On : 07-Apr-2021
Mol. Formula : MgO Mol. Weight : 40.30
Code No. : 4473D CAS No. : 1309-48-4
Mfg. Date : Apr-2021 Exp. Date : Mar-2026
HAZ. / P.G. : - UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	White powder	White powder
2	Assay (complexometric; on ignited basis)	98 - 100.5%	98.53%
3	Identification	Passes test	Passes test
4	Colour of solution	Passes test	Passes test
5	Substance insoluble in acetic acid	Max 0.1%	< 0.1%
6	Substance soluble in water	Max 2%	0.12%
7	Chloride (Cl)	Max 0.1%	0.1%
8	Sulphate (SO ₄)	Max 1%	0.6%
9	Heavy metal (as Pb)	Max 0.003%	0.00009%
10	Calcium (Ca)	Max 1.5%	0.197%
11	Iron (Fe)	Max 0.07%	0.0012%
12	Arsenic (As)	Max 0.0004%	< 0.0004%
13	Loss on ignition (at 900°C)	Max 8%	0.53%

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



Jagruti B. Patil
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LOBA CHEMIE PVT. LTD.

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