

CERTIFICATE OF ANALYSIS

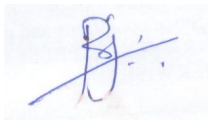
PRODUCT NAME : MAGNESIUM OXIDE (LIGHT) AR

CAS No	: 1309-48-4	Product code	: 23895
Mol. Formula	: MgO	Batch No.	: MCAR-01550
Mol. WT	: 40.30	Mfd.	: May 2025
Date of analysis	: 05/05/25	Exp.	: April 2030

S.R	Test	Specification	Observation
1	Description	White Powder.	White Powder.
2	Assay (on ignited basis)	98.5% min.	98.56%
3	Loss on ignition (950⁰c)	8% max	4.44%
4	Substances insoluble in water	0.5% max	0.4%
5	Substances insoluble in Hydrochloric acid	0.005% max	0.001%
6	Carbonate (as CO₂)	1.5% max	0.75%
7	Chloride (Cl)	0.01% max	<0.01%
8	Total nitrogen (N)	0.002% max	<0.002%
9	Barium and strontium (as Ba)	0.005% max	<0.005%
10	Lead (Pb)	0.001% max	<0.001%
11	Calcium (Ca)	0.02% max	<0.02%
12	Iron (Fe)	0.005% max	<0.005%
13	Potassium (K)	0.005% max	<0.005%
14	Copper (Cu)	0.001% max	<0.001%
15	Sodium (Na)	0.2% max	<0.2%
16	Zinc (Zn)	0.0005% max	<0.0005%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Pratiksha. S)**



[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.