

CERTIFICATE OF ANALYSIS

PRODUCT NAME : MAGNESIUM HYDROXIDE LR

CAS No : 1309- 42- 8

Mol. Formula : $Mg(OH)_2$

Mol. WT : 58.53

Date of analysis : 04/09/23

Product code : 15490

Batch No : MCR- 29212

Mfd. : Sept. 2023

Exp. : Aug. 2028

S. R	Test	Specification	Observation
1	Description	White to almost white powder.	White powder.
2	Assay (By complexometry)	95.0 - 100.5%	97.47%
3	Chloride(Cl)	0.1% max	<0.1%
4	Sulphate (SO₄)	0.1% max	<0.1%
5	Heavy metals (as Pb)	0.001% max	<0.001%
6	Calcium (Ca)	0.5% max	<0.5%
7	Loss on ignition (800⁰C)	30 - 32.5%	31.18%
8	Bulk density	about 50g/100ml	50g/100ml
9	Loss on drying(105⁰C)	2% max	0.75 %
10	Iron (Fe)	0.05% max	<0.05%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Jyoti)**

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

Note: Computer generated image requires no sign.

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.