



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : MAGNESIUM OXIDE (HEAVY) LR**

**CAS No : 1309- 48-4**  
**Mol. Formula : MgO**  
**Mol. WT : 40.30**  
**Date of analysis : 12/12/21**

**Product code : 15485**  
**Batch No : MCR-24630**  
**Mfd. : Dec. 2021**  
**Exp. : Nov. 2026**

S. R	Test	Specification	Observation
1	Description	White Powder.	White Powder.
2	Assay(on ignited basis)	98% min	98.30%
3	Loss on ignition (950 <sup>0</sup> C)	8% max	5.34%
4	Substances insoluble in acetic acid	0.1% max	0.06%
5	Water-soluble matter	2% max	0.7%
6	Chloride (Cl)	0.1% max	<0.1% max
7	Sulphate (SO <sub>4</sub> )	1.0% max	<1.0% max
8	Iron (Fe)	0.1% max	<0.1% max
9	Lead (Pb)	0.001% max	<0.001% max

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[Q.C Incharge]**

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

**Note:** Computer generated image requires no sign.

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)**  
**Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)**  
**Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,**  
**Kulgaon, Badlapur (E), Dist.-Thane-421 503**