



CERTIFICATE OF ANALYSIS

PRODUCT NAME : MAGNESIUM HYDROXIDE LR

CAS No : 1309-42-8

Mol. Formula : $\text{Mg}(\text{OH})_2$

Mol. WT : 58.53

Date of analysis : 22/08/24

Product code : 15490

Batch No : MCR-31762

Mfd. : Aug. 2024

Exp. : July 2029

S. R	Test	Specification	Observation
1	Description	White to almost white powder.	White powder.
2	Assay (By complexometry)	95.0 - 100.5%	98.03%
3	Chloride(Cl)	0.1% max	<0.1%
4	Sulphate (SO_4)	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 (800°C)	30 - 32.5%	31.40%
8	Bulk density	about 50g/100ml	50g/100ml
9	Loss on drying(105°C)	2% max	0.33%
10	Iron (Fe)	0.05% max	<0.05%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

**CHEMIST
(Shruti)**

[QC Incharge]

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

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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.

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