

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : MAGNESIUM HYDROXIDE LR**

<b>CAS No</b>	: 1309-42-8	<b>Product code</b>	: 15490
<b>Mol. Formula</b>	: Mg(OH) <sub>2</sub>	<b>Batch No</b>	: MCR-32826
<b>Mol. WT</b>	: 58.53	<b>Mfd.</b>	: Jan. 2025
<b>Date of analysis</b>	: 01/01/25	<b>Exp.</b>	: Dec. 2029

S. R	Test	Specification	Observation
1	<b>Description</b>	White to almost white powder.	White powder.
2	<b>Assay (By complexometry)</b>	95.0 - 100.5%	99.29%
3	<b>Chloride(Cl)</b>	0.1% max	<0.1%
4	<b>Sulphate (SO<sub>4</sub>)</b>	0.1% max	<0.1%
5	<b>Heavy metals (as Pb)</b>	0.001% max	<0.001%
6	<b>Calcium (Ca)</b>	0.5% max	<0.5%
7	<b>Loss on ignition (800<sup>0</sup>C)</b>	30 - 32.5%	30.1%
8	<b>Bulk density</b>	about 50g/100ml	50g/100ml
9	<b>Loss on drying(105<sup>0</sup>C)</b>	2% max	0.04 %
10	<b>Iron (Fe)</b>	0.05% max	<0.05%

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

**[Tested By]**



**CHEMIST  
(Sayli)**

**[QC Incharge]**



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

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