



## CERTIFICATE OF ANALYSIS

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

<b>CAS No</b>	<b>: 1309-48-4</b>	<b>Product code</b>	<b>: 15480</b>
<b>Mol. Formula</b>	<b>: MgO</b>	<b>Batch No</b>	<b>: MCR-27087</b>
<b>Mol. WT</b>	<b>: 40.30</b>	<b>Mfd.</b>	<b>: Dec. 2022</b>
<b>Date of analysis</b>	<b>: 03/12/22</b>	<b>Exp.</b>	<b>: Nov. 2027</b>

S. R	Test	Specification	Observation
1	<b>Description</b>	White Powder.	White Powder.
2	<b>Assay (on ignited basis)</b>	98% w/w min	98.96% w/w
3	<b>Loss on ignition (950<sup>0</sup>c)</b>	8% max	7.16%
4	<b>Water soluble matter</b>	2% max	1.76%
5	<b>Chloride (Cl)</b>	0.15% max	< 0.15%
6	<b>Sulphate (SO<sub>4</sub>)</b>	0.5% max	< 0.5%
7	<b>Iron (Fe)</b>	0.1% max	< 0.1%
8	<b>Lead (Pb)</b>	0.002% max	< 0.002%

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

**[Tested By]**

**CHEMIST  
(Jyoti)**

**[QC Incharge]**

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

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

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