

## CERTIFICATE OF ANALYSIS

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

<b>CAS No</b>	: 1309- 48-4	<b>Product code</b>	: 15485
<b>Mol. Formula</b>	: MgO	<b>Batch No</b>	: MCR-24887-01
<b>Mol. WT</b>	: 40.30	<b>Mfd.</b>	: April 2025
<b>Date of analysis</b>	: 28/04/25	<b>Exp.</b>	: March 2030

S. R	Test	Specification	Observation
1	<b>Description</b>	White Powder.	White Powder.
2	<b>Assay(on ignited basis)</b>	98% min	98.12%
3	<b>Loss on ignition (950<sup>0</sup>C)</b>	8% max	1.99%
4	<b>Substances insoluble in acetic acid</b>	0.1% max	0.06%
5	<b>Water-soluble matter</b>	2% max	0.7%
6	<b>Chloride (Cl)</b>	0.1% max	< 0.1% max
7	<b>Sulphate (SO<sub>4</sub>)</b>	1.0% max	< 1.0% max
8	<b>Iron (Fe)</b>	0.1% max	< 0.1% max
9	<b>Lead (Pb)</b>	0.001% max	< 0.001% max

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

**[Tested By]**



**CHEMIST  
(Deepa)**



**[QC Incharge]**



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

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