



## CERTIFICATE OF ANALYSIS

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

<b>CAS No</b>	<b>: 1309- 48-4</b>	<b>Product code</b>	<b>: 15485</b>
<b>Mol. Formula</b>	<b>: MgO</b>	<b>Batch No</b>	<b>: MCR-15899-01</b>
<b>Mol. WT</b>	<b>: 40.30</b>	<b>Mfd.</b>	<b>: Sept. 2018</b>
<b>Date of analysis</b>	<b>: 22/09/18</b>	<b>Exp.</b>	<b>: Aug. 2023</b>

<b>S. R</b>	<b>Test</b>	<b>Specification</b>	<b>Observation</b>
1	<b>Description</b>	White Powder.	White Powder.
2	<b>Assay(on ignited basis)</b>	98% min	98.41%
3	<b>Loss on ignition (950<sup>0</sup>C)</b>	8% max	2.15%
4	<b>Substances insoluble in acetic acid</b>	0.1% max	0.06%
5	<b>Water-soluble matter</b>	2% max	0.65%
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]**

**[Q.C Incharge]**

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

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

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