

## CERTIFICATE OF ANALYSIS

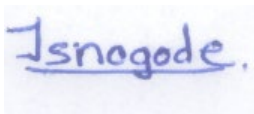
**PRODUCT NAME : MAGNESIUM TRISILICATE HYDRATE POWDER LR**

<b>CAS No</b>	: 39365-87-2	<b>Product code</b>	: 15505
<b>Mol. Formula</b>	: 2MgO.3SiO2.xH2O	<b>Batch No.</b>	: MCR-34110
<b>Mol. WT</b>	: 260.86 (anhydrous basis)	<b>Mfd.</b>	: May 2025
<b>Date of analysis</b>	: 29/05/25	<b>Exp.</b>	: April 2030

S.R	Test	Specification	Observation
1	<b>Description</b>	White to off white powder.	A fine white powder.
2	<b>Assay (as MgO, with ref to the ignited subs.)</b>	29% min	31.29%
3	<b>Alkalinity</b>	Passes IP test	Passes IP test
4	<b>Arsenic (As)</b>	0.0004% max	<0.0004%
5	<b>Heavy metals (as Pb)</b>	0.004% max	<0.004 %
6	<b>Chloride (Cl)</b>	0.05% max	<0.05%
7	<b>Sulphate (SO<sub>4</sub>)</b>	0.5% max	<0.5%
8	<b>Acid absorption</b>	Passes IP test	Passes IP test
9	<b>Water soluble salts</b>	Passes IP test	Passes IP test
10	<b>Loss on ignition at 900°C</b>	17.0 – 34.0%	28.87%

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

**[Tested By]**



**CHEMIST  
(Jyoti)**



**[QC Incharge]**



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

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