



## CERTIFICATE OF ANALYSIS

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

**CAS No : 39365-87-2**                      **Product code : 15505**  
**Mol. Formula : 2MgO.3SiO2.xH2O**                      **Batch No : MCR-17356**  
**Mol. WT : 260.86 (anhydrous basis)**                      **Mfd. : Nov. 2018**  
**Date Analysis : 20/11/18**                      **Exp. : Oct. 2023**

S.R	Test	Specification	Observation
1	<b>Description</b>	White to off white crystalline powder	Off white powder
2	<b>Assay (as MgO, with ref to the ignited subs.)</b>	29% min	29.6 %
3	<b>Alkalinity</b>	Passes IP test	Passes IP test
4	<b>Arsenic (As)</b>	0.0004%	0.0004%
5	<b>Heavy metals (as Pb)</b>	0.004%	0.004 %
6	<b>Chloride (Cl)</b>	0.05%	0.05%
7	<b>Sulphate (SO<sub>4</sub>)</b>	0.5%	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<sup>0</sup>C</b>	17.0 – 34.0%	28.68%

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

**[Tested By]**

**[QC Incharge]**

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

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

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