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-12225-03**
Mol. WT	**: 260.86 (anhydrous basis)**	**Mfd.**	**: Feb. 2022**
Date of analysis	**: 26/02/22**	**Exp.**	**: Jan. 2027**

S.R	Test	Specification	Observation
1	**Description**	A fine white powder.	A fine white powder.
2	**Assay (as MgO, with ref to the ignited subs.)**	29% min	33.22%
3	**Alkalinity**	Passes IP test	Passes IP test
4	**Arsenic (As)**	0.0004% max	<0.0004%
5	**Heavy metals (as Pb)**	0.004% max	<0.004 %
	Chloride (Cl)	0.05% max	<0.05%
6	**Sulphate (SO_4)**	0.5% max	<0.5%
7	**Acid absorption**	Passes IP test	Passes IP test
8	**Water soluble salts**	Passes IP test	Passes IP test
9	**Loss on ignition at 900°C**	17.0 – 34.0%	18.51%

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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