

CERTIFICATE OF ANALYSIS

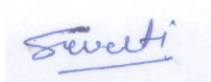
PRODUCT NAME : MAGNESIUM TRISILICATE HYDRATE POWDER LR

CAS No	: 39365-87-2	Product code	: 15505
Mol. Formula	: 2MgO.3SiO ₂ .xH ₂ O	Batch No.	: MCR-31824
Mol. WT	: 260.86 (anhydrous basis)	Mfd.	: Sept. 2024
Date of analysis	: 02/09/24	Exp.	: Aug. 2029

S.R	Test	Specification	Observation
1	Description	White to off white powder.	White powder.
2	Assay (as MgO, with ref to the ignited subs.)	29% min	31.61%
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 %
6	Chloride (Cl)	0.05% max	<0.05%
7	Sulphate (SO₄)	0.5% max	<0.5%
8	Acid absorption	Passes IP test	Passes IP test
9	Water soluble salts	Passes IP test	Passes IP test
10	Loss on ignition at 900°C	17.0 – 34.0%	31.40%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Swati)**

[QC Incharge]



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

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