

**Qualikems**

Qualikems Lifesciences Pvt. Ltd.

(Formerly known as Qualikems fine chem Pvt Ltd)

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CERTIFICATE OF ANALYSIS

Name of Product	:	Magnesium Trisilicate	CAS No.	:	39365-87-2
Molecular Formula	:	2MgO.3SiO ₂ . xH ₂ O	Molecular Weight	:	--
Batch No.	:	QF2504097	Grade	:	LR
Mfg. Date	:	April-2025	Retest Date	:	March-2030

Sr. No.	Tests	Specification	Observation
1	Appearance	Fine white or nearly white, slightly Hygroscopic powder free from Grittiness odorless and tasteless	Complies
2	Assay as magnesium	Not less than 29.0%	30.14 %
3	Assay as silicon dioxide	Not less than 65.0%	65.10 %
4	Alkalinity	Not more than 1.0ml of 0.1 N HCl	Complies
5	Arsenic	Not more than 4ppm	2 ppm
6	Heavy metals	Not more than 40ppm	30 ppm
7	Chloride	Not more than 500ppm	< 500ppm
8	Sulphate	Not more than 0.5%	< 0.5%
9	Acid absorption	Not less than 100ml of 0.1 N HCL	Complies
10	Water soluble salts	Not more than 30mg	Complies
11	Loss on ignition	Between 17.0% & 34.0%	26.01 %

Conclusion: Product complies as per above specification.

Note: This document has been produced electronically and it is valid without signature.

Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance.

(An ISO 9001 : 2015 & 14001 : 2015 & 45001:2018 Certified Company)

NSIC - CRISIL SE 2B which indicates " High Performance Capability & Moderate Financial Strength