

**Qualikems**

Qualikems Lifesciences Pvt. Ltd.

(Formerly known as Qualikems fine chem Pvt Ltd)

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CERTIFICATE OF ANALYSIS

Name of Product	:	Magnesium Lactate Dihydrate	CAS No.	:	18917-93-6
Molecular Formula	:	C ₆ H ₁₀ MgO ₆ · 2H ₂ O	Molecular Weight	:	202 (Anhydrous) g/mol
Batch No.	:	QF2502074	Grade	:	LR
Mfg. Date	:	February-2025	Retest Date	:	January-2030

Sr. No.	Tests	Specification	Observation
1	Appearance	White crystalline powder	Complies
2	Assay (Anhydrous)	98 – 102 %	98.52 %
3	pH (5g Product+95g water)	6.5 – 8.5	7.32
4	Loss on drying (120°C, 24h)	14 – 17 %	15.4%
5	Chlorides	Max 100 ppm	< 100 ppm
6	Sulphate	Max 50 ppm	< 50 ppm
7	Iron	Max 40ppm	< 40ppm
8	Lead	Max 2ppm	< 2 ppm
9	Total aerobic microbial	Max 1000counts/g	< 1000counts/g
10	Total yeast and moulds	Max 100counts/g	< 100counts/g
11	E.Coli	Absent in 1g	Not Found

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