

CERTIFICATE OF ANALYSIS

Product Name	Magnesium L-Threonate	Specification	Company Standard
CAS No.	778571-57-6	Manufacture Date	2024.8.23
Quantity	1000KG	Analysis Date	2024.8.30
Batch No.	BF-240823	Expiry Date	2026.8.22

Items	Specifications	Results
Assay	≥ 98%	98.60%
Appearance	White to almost white crystalline powder	Complies
Odor & Taste	Characteristic	Complies
pH	5.8 - 8.0	7.7
Magnesium	7.2% - 8.3%	7.96%
Loss on Drying	≤ 1.0%	0.30%
Sulphated Ash	≤ 5.0%	1.3%
Heavy Metal		
Total Heavy Metal	≤ 10 ppm	Complies
Lead (Pb)	≤ 1.0 ppm	Complies
Arsenic (As)	≤ 1.0 ppm	Complies
Cadmium (Cd)	≤ 1.0 ppm	Complies
Mercury (Hg)	≤ 0.1 ppm	Complies
Microbiological Test		
Total Plate Count	≤ 1000 CFU/g	Complies
Yeast & Mold	≤ 100 CFU/g	Complies
E.Coli	Absent	Absent
Salmonella	Absent	Absent
Package	Packed in plastic bag inside and aluminum foil bag outside.	
Storage	Store in a cool and dry place, keep away from strong light and heat.	
Shelf Life	Two years when properly stored.	
Conclusion	Sample Qualified.	



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