

Certificate of Analysis

Product Name	Magnesium L-Threonate	Batch No.	M24M03254
CAS No.	778571-57-6	MFG. Date	Mar 25, 2024
CAT No.	I031464	Retest Date	Mar, 2026
Items	Specification	Results	Test Method
Active Ingredients			
Magnesium L-Threonate (On Dry Base)	98.0%~102.0%	99.60%	UPS
Mg	7.2%~8.3%	8.28%	Titration
Physical Control			
Appearance	Fine Powder	Complies	Visual
Color	White to off-white	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Taste	Characteristic	Complies	Organoleptic
Loss on Drying	≤2.0%	0.60%	USP
PH	5.8-7.0	6.7	USP
Chemical Control			
Heavy Metals	≤10ppm	Conforms	USP

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Lead(Pb)	$\leq 1.0\text{ppm}$	Conforms	USP
Arsenic(As)	$\leq 2.0\text{ppm}$	Conforms	ICP-MS
Cadmium(Cd)	$\leq 1.0\text{ppm}$	Conforms	ICP-MS
Mercury(Hg)	$\leq 0.5\text{ppm}$	Conforms	ICP-MS
Microbiological Control			
Total Plate Count	$\leq 10000\text{cfu/g}$	Complies	USP
Yeast&Mold	$\leq 1000\text{cfu/g}$	Complies	USP
E.Coli	Negative	Complies	USP
Salmonella	Negative	Complies	USP
Conclusion	Corresponds.		
Storage Condition	Store in a well-closed container away from moisture and direct sunlight.		

QC:**Alex Foster****QA:****Felix Hobart**