

CERTIFICATE OF ANALYSIS

Product Name	Magnesium L-threonate		
Batch Number	PR0127-20260826	Manufacture Date	20260826
Report Date	20260826	Expiry Date	20280825

Test Item	Specification	Result	Test Method
Appearance	White powder	Conforms	Visual
Assay (on dried basis), w/%	≥98.0	98.9	Titration
Magnesium (on dried basis),w/%	≥8.0	8.21	ICP-OES
Loss on drying , w/%	≤9.0	1.03	USP
pH	6.5~8.5	7.88	USP
Bulk density , g/ml	≥0.30	0.43	Balance
Tapped density , g/ml	≥0.55	0.7	Balance
Particle size , w/%	90% passing 80 mesh	93.1	Sieving
Heavy metals Standards			
Heavy metals , mg/kg	≤10	<10	USP
Pb , mg/kg	≤1	<1	ICP-MS
As , mg/kg	≤1	<1	ICP-MS
Cd , mg/kg	≤1	<1	ICP-MS
Hg , mg/kg	≤0.1	<0.1	ICP-MS
Microbiological Standards			
Total viable count, cfu/g	≤1000	<1000	USP or GB
Yeast and Mould , cfu/g	≤100	<100	USP or GB
Coliform bacteria ,/g	Negative	Negative	USP or GB
Escherichia Coli ,/g	Negative	Negative	USP or GB
Salmonella ,/10g	Negative	Negative	USP or GB
Staphylococcus aureus ,/g	Negative	Negative	USP or GB
Conclusion: This product complies with In-house standard.			

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

