



XI'AN BEST BIO-TECH CO., LTD.



Add: Room 503, Building 3, Dahua Industrial Park,
No.789 Tiangu 6th road, Xi'an Hi-tech zone, Shaanxi, China

CERTIFICATE OF ANALYSIS

Product Name	Magnesium L-Threonate		
Batch Number	BH250220CH	Analysis Date	2025-02-23
Manufacture Date	2025-02-20	Expiry Date	2027-02-19

Items	Standards	Results	Method
Physical and chemical analysis:			
Description	White or almost white powder	Qualified	Visual
Mesh Size	99% pass 20 mesh	Qualified	USP 786
Identification	Positive	Positive	USP 191
Assay	98%-102%	99.9%	Titration
Mg	7.2%-8.3%	8.2%	GB 5009.241-2017
Loss on Drying	≤1%	0.3%	USP 731
PH	5.8-7	6.3	USP 791
Chloride	≤0.05%	<0.05%	USP221
Bulk density	0.5~0.65g/ml	0.52g/ml	USP 616
Tapped density	0.8~1.1g/ml	0.81g/ml	USP 616
Residue analysis:			
Pb	≤0.2ppm	<0.2ppm	USP 251
As	≤0.6ppm	<0.6ppm	USP 221
Hg	≤0.25ppm	<0.25ppm	USP 261
Microbiological:			
Total Plate Count	≤1000cfu/g	<1000cfu/g	USP 2021
Yeast&Mold	≤100cfu/g	<100cfu/g	USP 2021
E.coil	Negative	Negative	USP 2022
Salmonella	Negative	Negative	USP 2022
General Information:			
Conclusion	Conform to In-house specification.		
Storage	Keep in cool & dry place. Keep away from strong light and heat.		
Shelf life	24 months.		

Tested by: Tony Liu

Approved by: Mike He

Certified by: Albert Li

