

Certificate of analysis

Magnesium L-Threonate

CAS No.	778571-57-6	Code	BIOJMGTL001
Batch No	CS-MLT-250724	Manufacture Date	Jul.24, 2025
Expiry Date	Jul.23, 2028	Quantity	50Kgs

Testing Items	Specifications	Results
Assay (As Dried Base)	98.0%~102.0%	99.80%
Mg (per 100g)	7.5~8.5g	8.1g
Appearance	Fine powder	Complies
Color	White to off white	Complies
Odor & Taste	Characteristic	Complies
Solubility	Insoluble in methanol, and soluble in water freely	Complies
Identification	Infrared absorption spectrum of test and standard	Complies
	A white precipitate appeared, precipitate insoluble in acetic acid, but soluble in hydrochloric acid	Complies
Loss on drying	≤2.0%	0.60%
PH	6.0~8.0	7.4
Particle size	95% pass 80 mesh	Complies
Chlorides	≤0.5%	Complies
Heavy metals	≤10ppm	Complies
Arsenic (As)	≤2.0mg/kg	Complies
Lead (Pb)	≤3.0mg/kg	Complies
Cadmium (Cd)	≤1.0mg/kg	Complies
Mercury (Hg)	≤0.5mg/kg	Complies
Total plate count	≤1000cfu/g	<10cfu/g
Yeast, Mold & Fungi	≤100cfu/g	<10cfu/g
E. Coli	Negative	Complies
Salmonella	Negative	Complies
Conclusion	This product conforms to In-house standard	

***Storage condition: Store below 25°C, Protect from moisture and light.**