

CERTIFICATE OF ANALYSIS

Product Name	Magnesium L-Threonate		
Molecular Formula	C8H14MgO10·H2O		
Cas No.	778571-57-6 (500304-76-7)		
Batch Number	20230420	Manufacture Date	20230420
Report Date	20230420	Expiry Date	20250419

Item of Analysis	Specification	Results
Assay (On dried basis)	98.0%~102.0%(titration)	99.7%
Appearance	White fine granular powder, odorless	Conforms
Identification		
Precipitation test	Ammonification tests, the white precipitate; Add ammonium chloride, precipitate dissolve, try adding disodium hydrogen phosphate drops drop, vibration wave, generate white precipitate	Conforms
Tests		
Loss on Drying	≤1.0%	0.24%
pH	5.8~8.0	6.7
Mg	7.2%~8.3%	7.9%
Pb	≤0.2ppm	Conforms
As	≤0.6ppm	Conforms
Hg	≤0.25ppm	Conforms
Total number of colonies	≤1000CFU/g	Conforms
Coliforms	≤40MPN/100g	Conforms
Mold and yeast	≤25CFU/g	Conforms
Pathogenic bacteria	Salmonella , Shigella , Staphylococcus aureus and Hemolytic streptococcus: May not be detected	Conforms

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.

