

## CERTIFICATION OF ANALYSIS

Product Name: Magnesium L - Threonate      Report Date: 2025.06.21  
Manufacture Date: 2025.06.21      Retest Date: 2027.06.20  
Batch No.: 20250621      Quantity: 1000kg

Items	Requirements	Results
Appearance	White fine granular powder, odorless	Conforms
Solubility	Freely soluble in water, insoluble in Methanol, ethanol or ether	Conforms
Specific opticalrotation	+13.8°~+17.0°	+16.9°
<b>Identification</b>		
a) IR	Infrared absorption spectrum of test and standard	Conforms
<b>Test</b>		
1) Loss on Drying	≤ 1.5%	0.86%
2) Bulk density	≥ 0.4g/cc	0.52g/cc
3) pH	6.5~8.5	7.5
4) Mg	7.2%~8.3%	8.03%
5) Residual solvents	Ethanol ≤5000ppm	3230ppm
6) Pb	≤ 2.0ppm	Conforms
7) As	≤ 2.0ppm	Conforms
8) Hg	≤ 2.0ppm	Conforms
<b>Assay (On dried basis)</b>	98.0% ~102.0% (Titration)	99.6%
Packing info&Storage condition	25KG/ Drum, packed with 2-tier polyethylene bag as inner. Keep container dry and tightly closed;Keep in a cool well-ventilated place;Keep away from heat and oxidizing agents.	

