






CERTIFICATE OF ANALYSIS (COA)

Product name	Magnesium L-threonate	Batch No.	NPR-20221013
CAS No.	778571-57-6	Specification	In-house
Quantity	2216.85kg	Mfg. Date	2022.10.13
Date of Analysis	2022.12.17	Expiry Date	2025.10.12

Test Items	Specification	Test Results
Appearance	Creamy white powder, odorless, practically tasteless	Conforms
Solubility	Insoluble in Methanol and Ethanol, soluble in water freely.	Conforms
Ammonium oxalate precipitation	A white precipitate appeared, precipitate insoluble in acetic acid, but soluble in hydrochloric acid	Conforms
Ferric chloride test	A Kelly color is produced	Conforms
IR	Infrared absorption spectrum of test and standard	Conforms
pH	6.0~8.0	7.9
Mg content per 100g	7.5-8.2g	8.0g
Loss on Drying	≤1.5%	0.89%
Assay (On dried basis)	98.0%~103.0%(Titration)	99.08%
Conclusion	The test product complies with the requirements of specification.	

Analyst: 	Checker: 	Q. C. Director: 
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