

Certificate of Analysis

Product Name:	Magnesium Citrate	Batch Number:	NMF22014
Packaging:	25kg bag in cardboard drum		
Manufacturing Date:	11 th Feb 2022	Re-Test Date:	10 th Feb 2024
Storage:	Cool, ventilated and dry place		
CAS:	153531-96-5		
Molecular Formula	C ₁₂ H ₂₈ Mg ₃ O ₂₃		
Reference Standard:	Enterprise Standard & USP	Quantity:	100kg
Country of Origin:	China		
Test Results			
Item	Specification	Test Method	Results
Appearance	White crystalline Powder	Visual	Complies
Identification	A, B positive	USP	Pass A, B
Assay	Magnesium content is 14.5% ~ 16.4% (on dried basis)	USP	15.5%
Loss on Drying	≤ 29.0%	USP	26.0%
Calcium	≤ 1.0%	USP	<1%
OVI's	Meets the requirements	USP	
Chloride (Cl)	≤ 0.05%	USP	<0.05%
Sulphate	≤ 0.2%	USP	<0.2%
pH	5.0 – 9.0	USP	7.4
Heavy Metals	≤ 50ppm	USP	Complies
Arsenic	≤ 3ppm	USP	Complies
Iron	≤ 200ppm	USP	Complies
Microbial limits	Conforms	USP	Complies
Total Plate Count	< 1,000cfu/g	USP	Complies
Yeast and Moulds	< 100cfu/g	USP	Complies
E.Coli	Absent	USP	Complies
Salmonella	Absent	USP	Complies
Conclusion:	Product is packed in a HACCP certified facility and is allergen free.		