



Certificate of Analysis

Item #:	MG1
Product Name:	Magnesium (glycinate)
Natural Product Number (NPN):	80015993
Shelf Life:	36 months
Storage Conditions:	Room Temperature
Date of Manufacture:	6/20/2025
Date of Expiration:	6/19/2028
Finished Lot Number:	50353312
Lot Number:	50351918
Single Dose:	1 capsule (1.2g)
Daily Dose:	4 capsules (4.6g)

Composition

Composition: Reference: USP 435 805-1AMF B.D. 1754, 803-MMP DLR-1054 2019-1743-BULK-0809

Physical Requirements

Test Name	Specification	Method	Result
Appearance / Colour / Texture	Clear capsule containing a white powder	805-GOP-8008	Conforms
Break / Split	Open / Indistinct	805-GOP-8056	Conforms
Capsule Type / Size	HPMC capsule 500-00	805-GOP-8069	Conforms
Content Uniformity	Meets USP 435 (NMT) 500-00	USP 435-03	N/A
Weight Variation	Meets USP requirements (PASS) (PASS)	805-GOP-0079	Pass
Average Weight	1.043 mg - 1.078 mg / capsule	805-GOP-0175	1.04

Chemical Purity Requirements

Test Name	Specification	Method	Result
Arsenic	LT 0.5 ppm (0.579 mg/capsule)	ICP-MS / ICP	N/A
Cadmium	LT 0.7 ppm (0.8109 mg/capsule)	ICP-MS / ICP	N/A
Lead (California Prop 65)	LT 3.0 ppm (0.1153 mg/capsule)	ICP-MS / ICP	N/A
Total Mercury	LT 0.2 ppm (0.2513 mg/capsule)	ICP-MS / ICP	N/A
Residual Solvents	Meets USP requirements	USP 437-1	N/A



Active Ingredient Analytical Requirements				
Analyte (source)	Units	Specification (per 1 capsule)	Test Method	Result
Magnesium (as magnesium phosphate)	mg	120 ± 15% (100.0 ± 15.0%)	Verified by process controls	120
Acetaminophen (as acetaminophen)	mg	100 ± 15% (75 ± 12.5%)	Verified by process controls	100

*Test conducted on raw materials by USP 341

Microbial Requirements			
Test Name	Specification	Method	Result
Total Aerobic Plate Count	Not to exceed (NAT): 3,000 CFU/g	USP <2019> or AOAC	< 10
Counted Total Yeast & Mold	NMT 300 CFU/g	USP <2021> or AOAC	< 10
Enterobacteria	< 100 CFU/g	USP <2021> or AOAC	< 10
Escherichia coli	Absence in 10 g	USP <2021> or AOAC	Absent
Salmonella spp.	Absence in 20 g	USP <2021> or AOAC	Absent
Staphylococcus aureus	Absence in 10 g	USP <2021> or AOAC	Absent

Notes
1) Reduced testing (skip-10): The certified seeds are routinely tested in accordance with USP <2019>.

Change History
CR-064: 10 Align Heavy metal specifications with Nestle standards

Authorized by:	Tobey Lowe	Signature
	Tobey Lowe	Name (Print)
	QA Coordinator	Title
	13-Jul-2025	Date (DD/MM/YYYY)