



Certificate Of Analysis

Chelamax® Magnesium Bisglycinate (Mg 11.7%), HD

FMG0GYG296OK

Lot # 1099698

Date of Manufacture: 30JUL2025

Date of Retest: 29JUL2029

Product Information:

PRODUCT PACKAGED WITH DESICCANTS.

Shelf life if stored in a cool and dry location: 48 months from date of manufacture.

Made in U.S.A.

Date: 10/30/2024 Rev. 5

Product Information: Details, Tests & Methods, Specifications & Limits & Others

Test Description	Test Method	Specification	Result	Units
CHEMICAL				
Magnesium	ML-CST-001 (ICP-OES)	11.6 - 12.9	12.3	%
Identification FTIR	ML-CST-009	0.900 - 1.000	0.972	Corr
PHYSICAL				
pH (2% Solution)	ML-CST-011	Report	9.91	
Solubility	ML-CST-017	Report	230.79	mg/mL
Loss on Drying	USP (105C, 4HR, 2g)	NMT 2.00	0.07	%
Bulk Density	USP<616>	Report	0.705	g/mL
Tapped Density (300X)	USP<616>	NLT 0.800	0.992	g/mL
Through 40 Mesh	USP<786>	NLT 75.0	85.9	%
Through 60 Mesh	USP<786>	Report	73.5	%
Color	Visual	White~Off White	Pass	
HEAVY METALS				
Arsenic	USP<233> ICP-MS	NMT 1.00	<0.01	ppm
Cadmium	USP<233> ICP-MS	NMT 1.00	<0.01	ppm
Lead	USP<233> ICP-MS	NMT 0.20	<0.01	ppm
Mercury	USP<233> ICP-MS	NMT 0.10	<0.01	ppm
MICROBIOLOGICAL				
Yeast and Mold	AOAC 2014.05	NMT 100	<10	cfu/g
Coliforms	FDA BAM	Negative	Negative	/10g
Total Plate Count	USP<2021>	NMT 1,000	<10	cfu/g

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MICROBIOLOGICAL				
E. coli	USP<2022>	Negative	Negative	/10g
S. aureus	USP<2022>	Negative	Negative	/10g
Salmonella	USP<2022>	Negative	Negative	/10g

Approved By

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