

CERTIFICATE OF ANALYSIS

Document Print Date **10-Apr-2025**

Order No 03476-GF-KG0025

Batch No BN19000000063

Manufacturing / 04-Feb-2025

Exp. Date 04-Feb-2028

Product Magnesium Bisglycinate Chelate

Manufacturing Site Address

Balchem Canada Corporation
a subsidiary of Balchem Corporation
4820 49th Street
Barrhead, Alberta T7N 1G8 Canada

Quality Contact
Email

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Analytical Results

Test Description	Specification				Batch Analysis Result
	Method	Units	Min	Max	
QCL-Mg(%..)-ICP1	Magnesium - QC WI (Q 100)	%_0	10		10
QCL-As(ppm)-ICPMS	Arsenic - QC WI (Q 54)	ppm_		1.50	<0.05
QCL-Cd(ppm)-ICPMS	Cadmium - QC WI (Q 54)	ppm_		0.50	<0.05
QCL-Hg(ppm)-ICPMS	Mercury - QC WI (Q 54)	ppm_		0.10	<0.05
QCL-Pb(ppm)-ICPMS	Lead - QC WI (Q 54)	ppm_		0.30	<0.05
QCL-N(%)-LECO	Nitrogen - QC WI (Q 93)	%	12.00	13.50	12.37
QCL-FTIR(Pass)-FTIR	FTIR - QC WI (Q 36)				Pass
QCL-Color-Visual	Color - QC WI (Q 26)				Pass
QCL-TapDen(g per cc)	Tap Density - QC WI (Q 25)	g/cc	0.60		0.86
QCL-pH-pH	pH - QC WI (Q 24)	pH_1	9.5	10.5	10.0
QCL-Moisture-LOD(%)	Loss on drying - QC WI (Q 23)	%.		10.0	5.3
QCL-TAM-Micros	Total Aerobic Microbial Count - USP <2021>	cfu/g		1,000	<100
QCL - Mold Yeast	Molds and Yeasts Count - USP <2021>	cfu/g		100	<10
QCL-Bacillus cereus	B. cereus - QC WI (Q 170) - Absence per 10 g				Pass
QCL-Enterobacterial	Enterobacterial Count - USP <2021>	cfu/g		100	<100
QCL-E.coli-Micros	E. coli - USP <2022> - Absence per 10 g				Pass
QCL-Salmonella	Salmonella - USP <2022> - Absence per 10 g				Pass
QCL-Staph aureus	S. aureus - USP <2022> - Absence per 10 g				Pass

Customer Comments

This Certificate is computer generated. No signature is required.