

CERTIFICATE OF ANALYSIS

Document Print Date **20-Mar-2025**

Customer	IC-C-0001	Balchem Corporation	Batch No	BN12000005720
Customer PO			Manufacturing /	14-Jan-2025
Customer Item			Packaging Date	
Order No			Exp. Date	14-Jan-2028
Product	03507-XX-KG0025	Zinc Bisglycinate Chelate SF	Ship To	

Manufacturing Site Address	Quality Contact	Michelle Rackham
Balchem - Ogden Human Plant	Email	mrackham@balchem.com
2774 S. 1760 W.		
Ogden, UT 84401 USA		

Analytical Results

Test Description	Specification				Batch Analysis Result
	Method	Units	Min	Max	
QCL-Zn(%.)-ICP1	Zinc - QC WI (Q 100)	%_0	20		22
QCL-As(ppm)-ICPMS	Arsenic - QC WI (Q 54)	ppm_		1.50	<0.05
QCL-Cd(ppm)-ICPMS	Cadmium - QC WI (Q 54)	ppm_		1.00	0.21
QCL-Hg(ppm)-ICPMS	Mercury - QC WI (Q 54)	ppm_		0.10	<0.05
QCL-Pb(ppm)-ICPMS	Lead - QC WI (Q 54)	ppm_		3.00	1.86
QCL-N(%)-LECO	Nitrogen - QC WI (Q 93)	%	10.00	12.50	12.00
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	0.90		0.99
QCL-pH-pH	pH - QC WI (Q 24)	pH_1	6.5	8.0	7.2
QCL-Moisture-LOD(%)	Loss on drying - QC WI (Q 23)	%.		6.0	2.7
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

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