

# CERTIFICATE OF ANALYSIS

Document Print Date **14-Jan-2025**

<b>Customer</b>	IC-C-0001	Balchem Corporation	<b>Batch No</b>	BN12000005207
<b>Customer PO</b>			<b>Manufacturing /</b>	13-Jul-2024
<b>Customer Item</b>			<b>Packaging Date</b>	
<b>Order No</b>			<b>Exp. Date</b>	13-Jul-2027
<b>Product</b>	03502-XX-KG0025	Copper Bisglycinate Chelate	<b>Ship To</b>	

<b>Manufacturing Site Address</b>	<b>Quality Contact</b>	<b>Robyn Owen</b>
Balchem - Ogden Human Plant	<b>Email</b>	rowen@balchem.com
2774 S. 1760 W.		
Ogden, UT 84401 USA		

## Analytical Results

Test Description	Specification				Batch Analysis Result
	Method	Units	Min	Max	
QCL-Cu(%..)-ICP1	Copper - QC WI (Q 100)	%..	10		11
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_		1.50	0.23
QCL-N(%)-LECO	Nitrogen - QC WI (Q 93)	%	4.00	6.00	5.10
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	0.80		0.91
QCL-pH-pH	pH - QC WI (Q 24)	pH_1	3.5	4.5	4.0
QCL-Moisture-LOD(%)	Loss on drying - QC WI (Q 23)	%.		6.0	3.8
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.