



Certificate of Analysis
Selenium Chelate 0.2%

Lot No.: T240516
Product Code: TSEAR01002
Country of Origin: USA

Manufacture Date: May 14, 2024
Expiration Date: May 14, 2027
Non-GMO Product: Conforms

Actives			
Test	Specification	Result	Method
Selenium	0.2 - 0.32%	0.26%	ICP-OES
Physical			
Test	Specification	Result	Method
Appearance	Off White to Light Tan Powder	Complies	Visual
Bulk Density	Report	0.70 g/cc	In House
Loss on Drying	<7%	1.92%	Moisture Analyzer
Particle Size	≥85% thru 40 mesh	100%	Rotap
Heavy Metals			
Test	Specification	Result	Method
Lead	<0.5 ppm	<0.01 ppm	ICP-MS
Mercury	<1 ppm	<0.01 ppm	ICP-MS
Arsenic	<1 ppm	0.22 ppm	ICP-MS
Cadmium	<0.5 ppm	<0.01 ppm	ICP-MS
Microbiological			
Test	Specification	Result	Method
Total Plate Count	<5,000 cfu/g	<10 cfu/g	AOAC 990.12 or USP <2021>
Yeast and Mold	<500 cfu/g	<10/<10 cfu/g	FDA BAM or USP <2021>
Coliforms	<10 cfu/g	<10 cfu/g	AOAC 991.14
E. Coli	Negative/10 g	Negative/10 g	USP <2022> or USP31 2022
Salmonella	Negative/25 g	Negative/25 g	FDA BAM
Staphylococcus aureus	Negative/10 g	Negative/10 g	USP <2022> or USP31 2022
Pseudomonas aeruginosa	Negative/10 g	Negative/10 g	USP <62>
Packaging and Other			
25 kg double-lined, food-grade bags in corrugated cartons			

Plant: Ogden

05/20/2024

Quality

Date

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Manufactured by Biotron Laboratories and Talus Mineral Company, DBA Actylis
Results provided as supplied by manufacturer and/or independent laboratory testing