



## Material Specification

# Selenium Chelate 0.2%



**Product Code** TSEAR01002 **Date** December 1, 2022  
**Country of Origin** United States of America **Shelf Life** 3 Years from manufacture date  
**Storage** Store in a cool, dry location **Other** Kosher Certified and non-GMO

### Product Description

Selenium Chelate 0.2% is a complex of sodium selenite, citric acid, and rice protein as rice flour.

Actives		
Test	Specification	Method
Selenium	0.20 - 0.32%	ICP-OES

Physical		
Test	Specification	Method
Appearance	Off White to Light Tan Powder	Visual
Bulk Density	Report	In House
Loss on Drying	<7%	Ohaus MB23
Particle Size	≥85% thru 40 mesh	Rotap

Heavy Metals		
Test	Specification	Method
Lead	<0.5 ppm	ICP-MS
Mercury	<1 ppm	ICP-MS
Arsenic	<1 ppm	ICP-MS
Cadmium	<0.5 ppm	ICP-MS

Microbiological		
Test	Specification	Method
Total Plate Count	<5,000 cfu/g	AOAC 990.12 or USP <2021>
Yeast and Mold	<500 cfu/g	FDA BAM or USP <2021>
Coliforms	<10 cfu/g	AOAC 991.14
E. Coli	Negative/10 g	USP <2022>
Salmonella	Negative/25 g	FDA BAM or USP <2022> Mod
Staphylococcus aureus	Negative/10 g	USP <2022>
Pseudomonas aeruginosa	Negative/10 g	USP <62>

Packaging
25 kg double-lined, food-grade bags in corrugated cartons

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