



Certificate Of Analysis

Selenium Yeast (Se 0.2%)

FSE0YEP211EQ

EXS211

Lot # **637711**

Date of Manufacture: 07JUL2018

Date of Retest: 06JUL2022

Product Information (Part 1):

Shelf life if stored in a cool and dry location: 48 months from date of manufacture.
Made in U.S.A.

Product Information (Part 2): Details, Tests & Methods, Specifications & Limits & Others

Test Description	Test Method	Specification	Result	Units
CHEMICAL				
Selenium	ICP-OES	0.180 - 0.220	0.214	%
Identification (Selenium)	USP <191>	Pass	Pass	Pass-Fail
PHYSICAL				
Loss on Drying	105C 4hrs	NMT 7.00	4.67	%
Nitrogen	AOAC 990.03	NLT 6.500	7.54	%
Bulk density	Balance	Report	0.649	g/ml
Identification	FT-NIR	0.900 - 1.000	0.980	Corr
Through 60 Mesh	Tap sieve	NLT 99.0	99.8	%
Color	Visual	Yellow~Brown	Pass	Visual
HEAVY METALS				
Arsenic	ICP-MS	NMT 1.00	<0.01	ppm
Cadmium	ICP-MS	NMT 0.50	0.01	ppm
Lead	ICP-MS	NMT 1.00	0.02	ppm
Mercury	ICP-MS	NMT 0.20	0.01	ppm
MICROBIOLOGICAL				
Enterobacteria	AOAC 2003.01	NMT 100	<10	cfu/g
S. aureus	AOAC 2003.07	Negative	Negative	/g
Total Plate Count	AOAC 966.23	NMT 1,000	<10	cfu/g
Anaerobic Sulfite Reducing Ba	AOAC 976.30	Negative	Negative	/g
Salmonella	AOAC 989.13	Negative	Negative	/25g
Coliforms	AOAC 991.14	Negative	Negative	cfu/g
E. coli	AOAC 991.14	Negative	Negative	/g

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Test Description	Test Method	Specification	Result	Units
MICROBIOLOGICAL				
Yeast & Mold	AOAC BAM18	NMT 100	<10	cfu/g
P. aeruginosa	AOAC BM23	Negative	Negative	/10g

Mikel Woodhull

Approved By

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