



Material Specification

Molybdenum Trit (1.6% Mo) w/DCP

Product Code	TMOTR0301	Date	December 5, 2023
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

Molybdenum Trit 1% w/DCP is a complex of sodium molybdate and dicalcium phosphate.

Actives		
Test	Specification	Method
Molybdenum	1.6 - 2.0%	ICP-OES

Physical		
Test	Specification	Method
Appearance	White to Off White Powder	Visual
Bulk Density	Target 0.85 g/mL	In House
Loss on Drying	≤5%	Moisture Analyzer
Particle Size	≥85% thru 60 mesh	Rotap
pH	5 - 8	In House

Heavy Metals		
Test	Specification	Method
Lead	<0.24 ppm	ICP-MS
Mercury	<0.15 ppm	ICP-MS
Arsenic	<1 ppm	ICP-MS
Cadmium	<3 ppm	ICP-OES

Microbiological		
Test	Specification	Method
Total Plate Count	<3,000 cfu/g	AOAC 990.12 or USP <2021>
Yeast and Mold	<300 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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