



Certificate Of Analysis For M-SHOT

Product Name: M-SHOT
Country of Origin: United States of America
Mfg. Lot Number 005-R14-02650

Mfg. Date: 09/2024
Expiry Date -02/2026

Analysis

Minerals	Method	Specification	Average	Lot Results
Magnesium	ICP-OES	102-120 mg/mL	112 mg/mL	116 mg/mL
Sodium	ICP-OES	< 2.6 mg/mL	1.8 mg/mL	1.8 mg/mL
Potassium	ICP-OES	Report only	0.6mg/mL	0.7 mg/mL
Chloride	Anionsby LC	280-340mg/mL	316 mg/mL	307mg/mL
Sulfate	Anionsby LC	13-30mg/mL	18.7 mg/mL	13.0 mg/mL

Physical Distribution	Method	Specification	Average	Lot Results
Color	Visual	LightYellow	LightYellow	LightYellow
pH	MRI SOPQL0160	4.5-5.9	5.2	5.4
Specific Gravity	MRI SOPQL0160	1.25-1.39	1.3	1.31
Refractive Index	MRI SOPQL0160	49.354.5Brix	52.3Brix	51.4 Brix

Heavy Metals	Method	Specification	Average	Lot Results
Total Heavy Metals	ICP-MS, CVAA	<5.0 ppm	<5.0 ppm	<5 ppm
Arsenic	ICP-MS	<3.0 ppm	1.5 ppm	<3 ppm
Cadmium	ICP-MS	<0.1 ppm	0.001ppm	<0.00025 ppm
Lead	ICP-MS	<0.3 ppm	0.021ppm	0.006 ppm
Mercury	ICP-MS	<0.1 ppm	0.002 ppm	<0.001 ppm

Microbiological	Method	Specification	Average	Lot Results
Standard Plate Count	FDA BAM 8thEd.	<1,000CFU/mL	<25 CFU/mL	<10 CFU/mL
Total Coliform	AOAC 991.14	<100 CFU/mL	<10CFU/mL	<10 CFU/mL
Escherichia Coli	USP <2022>	Absent/10mL	Absent/10mL	Absent/10mL
Enterobacteriaceae	USP <2021>	<10 MPN/mL	<10 MPN/mL	<10 MPN/mL
Pseudomonasaeruginosa	USP <62>	Absent/10mL	Absent/10mL	Absent/10mL
Staphylococcus aureus	USP <2022>	Absent/10mL	Absent/10mL	Absent/10mL
Yeast & Mould	FDA BAM 8thEd.	<250 CFU/mL	<25 CFU/mL	<10 CFU/mL