

R# 14850
 R10165
 9-21-22

CERTIFICATE OF ANALYSIS

Product Name: MSM 40-80 Mesh	Lot#: NIGMSM408-2112V438227
Manufacture Date: Dec 2021	Retest Date: Dec 2023

TEST ITEMS	SPECIFICATIONS	RESULTS
Appearance	White Crystalline Powder	White Crystalline Powder
Melting Point	≥ 108.0°C	109.2°C
Moisture	≤ 0.2%	0.10%
Residue on Ignition	NMT 0.5%	0.07%
Mesh	40 – 80 Mesh	Conforms
Bulk Density	Report Only	0.79g/ml
Tapped Density	Report Only	0.83g/ml
Heavy Metals	NMT 0.0010%	Conforms
Arsenic (As)	NMT 1ppm	0.16ppm
Cadmium (Cd)	NMT 1ppm	0.07ppm
Lead (Pb)	NMT 1ppm	0.08ppm
Mercury (Hg)	NMT 1ppm	0.20ppm
Assay	98% - 102%	99.94%
MICROBIOLOGICAL ANALYSIS		
Total Plate Count	NMT 1,000cfu/g	25cfu/g
Yeast & Mold	NMT 100cfu/g	10cfu/g
Coliform	NMT 10cfu/g	< 3cfu/g
E. Coli	Negative	Negative
Salmonella	Negative	Negative

Storage	Store in a clean, cool, dry place at room temperature.
Shelf Life	Two years if sealed and stored away from direct sunlight.

Approved By: Colleen Hobasch / QA Department



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