

Certificate of Analysis

Product Name: Methyl-Sulfonyl-Methane (MSM)
CAS No.: 67-71-0
Batch No.: 20260513
Quantity: 500kgs
Production Date: May.13,2026
Expiry date: May.12,2029

Items	Unit	Standards	Results
Appearance		White crystalline powder	White crystalline powder
Odor USP		Meets the requirements	Conforms
Residue on ignition	%	≤ 0.1	< 0.01
Heavy metals(as Pb)	ppm	≤ 3	< 3
Lead(Pb)	ppm	≤ 0.1	< 0.1
Arsenic	ppm	≤ 0.1	< 0.1
Cadmium(Cd)	ppm	≤ 0.1	< 0.1
Mercury(Hg)	ppm	≤ 0.1	< 0.1
Melting point		108.5~110.0°C	108.5°C
Water Content USP	%	≤ 0.1	0.05
DMSO Content USP	%	≤ 0.1	Conforms
Mesh size		60-80mesh	60-80mesh
Assay USP	%	98.0-102.0	99.96
Total Impurities USP	%	≤ 0.2	Conforms
Chromatographic Purity	%	≥ 99.8	99.95
Bulk density	g/ml	≥ 0.55	0.59
Tap density	g/ml	≥ 0.65	0.69
Silicon Dioxide	%	0.5	0.5
Total plate count	ufu/g	≤ 10	Conforms
Yeast & Molds	cfu/g	≤ 10	Conforms
Coliform		Negative	Negative
E.Coli		Negative	Negative
Salmonella		Negative	Negative
Staphylococcus		Negative	Negative

Conclusion: The product complies with the latest USP standard.

Package: 25Kg/CARTON.

Storage: Store in cool, dry and clean places.

