

CERTIFICATE OF ANALYSIS

Product Name	Methyl Sulfonyl Methane (MSM)		
Pharmaceutical Grade (40Mesh)	Pharmaceutical Grade (40Mesh)		
Batch Number	20230706	Manufacture Date	20230706
Report Date	20230706	Expiry Date	20250705

ITEMS	STANDARD	RESULT	TEST METHOD
Purity %	>99.90	99.95	USP32, page 1053(GC)
DMSO Content %	≤0.01	0	USP32, page 1053(GC)
Appearance	White Crystalline	White Crystalline	USP31
Odor	Odorless	Odorless	
Melting Point@760mmHg	108.5-110.5°C	108.9	
Bulk Density/g/ml	>0.65	0.72	BP Appendix IX C;determined on 0.5g
Water Content%	<0.20	0.14	
Total Heavy Metals: ppm	<3	<3	BP
As ppm	<0.1	<0.1	BP
Cd ppm	<0.1	<0.1	BP
Hg ppm	<0.1	<0.1	BP
Pbppm	<1	<1	BP
Residue on Ignition% %	<0.20	<0.2	USP32, page 1053
Coliform(CFU/g)	Negative	Negative	BP
E.Coli(CFU/g)	Negative	Negative	BP
Yeast/Mold(CFU/g)	<10	<10	BP
Salmonella	Negative	Negative	BP
Standard Aerobic Plate Count(CFU/g)	<10	<10	BP
Total Aerobic Bacterial Count	<1000	1000	

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

