

CERTIFICATE OF ANALYSIS

Product Name	Methyl Sulfonyl Methane (MSM)	COA No.	67-71-0
Grade	Cosmetic Grade (40-60Mesh)	Batch Quantity	1000KG
Batch No	20230702	Analysis Date	2023-07-09
Expiry Date	2027-07-01	Manufacture & Package Date	2023-07-02
INSPECTION ITEMS	PRODUCT STANDARD	INSPECTION 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	
Odor	Odorless	Odorless	
Melting Point@760mmHg 柱	108.5-110.5℃	108.7	USP31
Bulk Density g/ml	>0.65	0.70	
Water Content %	<0.20	0.16	BP Appendix IX C; determined on 0.5g
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
Pb ppm	<0.1	<0.1	BP
Residue on Ignition%	<0.20	<0.01	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	BP
Particle Size	40-60Mesh	Conform	
Storage	Store in cool and dry place & keep away from strong light and heat.		

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