

CERTIFICATE OF ANALYSIS

Product Name	Methyl Sulfonyl Methane (MSM)	Batch No	PY-ME20190505
Quantity	1000KG	Analysis Date	May.08,2019
Mfg. Date	May.05,2019	Exp. Date	May.04,2023
Package	25kg/Drum	Standard	USP32

No.	Item	Specification	Result
1.	Appearance	White crystalline powder	Complies
2.	Odor	Odorless	Odorless
3.	Melting Point	108.5+/- 1°C	108.7°C
4.	Bulk Density	>0.65 g/ml	0.69g/ml
5.	Water Content	<0.10 %	0.09%
6.	Residue on Ignition	<0.10%	<0.02%
7.	Particle Size	80-200 Mesh	Complies
8.	Assay	>99.90%	99.95%
9.	DMSO Content	≤0.01%	0
10.	Heavy Metals	<3ppm	<3ppm
11.	Pb	<1ppm	<1ppm
12.	As	<0.1ppm	<0.1ppm
13.	Cd	<0.1ppm	<0.1ppm
14.	Hg	<0.1ppm	<0.1ppm
15.	Total Aerobic Bacterial Count	<1,000CFU/g	<1,000CFU/g
16.	Standard Aerobic Plate Count	<10CFU/g	<10CFU/g
17.	Yeasts & Molds	<10CFU/g	<10CFU/g
18.	E.Coli	Negative	Negative
19.	Salmonella	Negative	Negative
20.	Coliform	Negative	Negative
21.	Conclusion	Conform with USP32 Standard.	

Analyst: xuli

QC: lixiaochen