

**CERTIFICATE OF ANALYSIS**  
**MSM Methylsulfonylmethane**  
**USP (80 mesh)**

<b>CERTIFICATE OF ANALYSIS</b>			
<b>ANALYSIS ITEMS</b>	<b>SPECIFICATION</b>	<b>RESULTS</b>	<b>METHOD</b>
Appearance	White Crystalline Powder	Conforms	Visual
Odor	Characteristic	Conforms	Organoleptic
Taste	Characteristic	Conforms	Organoleptic
Particle size	80 mesh	Conforms	Mesh Screen
Loss on Drying	<0.5%	0.19%	105°C/2hrs
Assay	NLT 99.9%	99.95%	GC
Melting Point	108-110°C	108.80%	USP <741>
Heavy Metals	<20ppm	Conforms	USP <231>
Lead (Pb)	<2.0ppm	Conforms	ICP/MS
Arsenic (As)	<2.0ppm	Conforms	ICP/MS
Cadmium (Cd)	<1.0ppm	Conforms	ICP/MS
Mercury (Hg)	<1.0ppm	Conforms	ICP/MS
<b>Microbiology Control</b>			
Total Plate Count	<3,000CFU/gm	Conforms	USP <2021>
Mold & Yeast	<300CFU/gm	Conforms	USP <2021>
Salmonella	Negative	Conforms	USP <2022>
E.Coli	Negative	Conforms	USP <2022>
Staphylococcus	Negative	Conforms	USP <2022>

Storage: In cool and dry place. Avoid Light.

Shelf Life: Two years when properly stored.

Conclusion: conforms with the enterprise standard and non-irradiated.

\* Data based on manufacturer's document

*John*

Quality Control

