



PurforMSM® Certificate of Analysis

SKU NUMBER: 30020 LOT NUMBER: 1901032 MFG DATE: 1/18/2019 EXPIRATION DATE: 1/18/2024

PRODUCT: METHYLSULFONYLMETHANE, (Dimethyl Sulfone, Methyl Sulfone, MSM, DMSO₂)

MANUFACTURER: Bergstrom Nutrition, 1000 West 8th Street, Vancouver, WA 98660 – (360)693-1883 – Country of Origin: USA

EXCIPIENT: None QUANTITY: 0% by weight

PHYSICAL DESCRIPTION: White flake

CHEMICAL ABSTRACTS REGISTRY NUMBER: 67-71-0 MOLECULAR WEIGHT: 94.13 PERCENT SULFUR: 34.1%



PHYSICOCHEMICAL ANALYSIS	METHOD	SPECIFICATION	LOT RESULT
VOLATILE PURITY:	MSM – GC/FID ^{1, 2}	>99.8%	99.9 %
MELTING POINT:	USP/NF <741>	109.5° C ± 1.0° C	110.0 ° C
WATER CONTENT:	USP/NF <921a>	< 0.1%	<0.1 %
DMSO CONTENT:	MSM – GC/FID ^{1, 2}	< 0.05%	<0.05 %
PARTICLE SIZE: 12 ³	USP/NF <786I>	NLT 98% THROUGH	99.0 %
BULK DENSITY:	USP/NF <616I>	NLT 0.68 g/ml	0.69 g/ml
TAPPED DENSITY:	USP/NF <616I>	NLT 0.78 g/ml	0.82 g/ml
MICROBIOLOGICAL ANALYSIS	METHOD	SPECIFICATION	LOT RESULT
Total Aerobic Microbial Count:	USP<61>	<10cfu/g	<10 cfu/g
Total Yeast and Mold Counts:	USP<61>	<10cfu/g	<10 cfu/g
Enterobacteria	USP<62>	Absent	Absent
Escherichia coli:	USP<62>	Absent	Absent
Salmonella:	USP<62>	Absent	Absent
Staphylococcus:	USP<62>	Absent	Absent

NOTE: 1. Third party laboratory validated method
 2. Additional third party validation method may be used in place of listed method.
 3. U.S. Sieve Designation

THIS PRODUCT IS **NOT APPROVED FOR HUMAN USE OR CONSUMPTION.**

Manufacturer Statement

PurforMSM is manufactured in the USA in a facility that is in full compliance with FDA cGMP requirements and is ISO 9001 certified. Complies with the EU definition of "Feed Material" per Commission Regulation 575/2011, Section 13.9.1.

Prepared By: 
 Approved By: 

Date: 1-31-2019
 Date: 1-31-2019

- CONFIDENTIAL -