

Customer:	BC096	Lehvoss (nee Gee Lawson Nutritional)	Batch No:	BN12000003421
Customer PO:	4500298120		Manufacturing / Packaging Date:	15-Dec-2022
Customer Item:			Exp. Date:	14-Dec-2027
Order No:	S120023396			
Product:	20020MSM	OptiMSM® Flake	Ship To:	Ionweg 3 4706 NS Roosendaal NLD

Manufacturing Site Address:

 ALBION LABORATORIES, INC.
 1000 W 8Th street

Phone: (360) 693-1883

Quality Contact: Rod Benjamin

Vancouver, WA 98660 USA

Fax: (360) 693-9915

Email: rbenjamin@balchem.com

Analytical Results

Test Description	Specification				Batch Analysis Result
	Method	Units	Min	Max	
VOLATILE PURITY:	MSM-GC/FID 1-2 (Spec >99.8%)	%			99.99
Assay :	MSM-GC/FID 1	%	98.00	102.00	99.30
IDENTITY:	USP Method B				Pass
MELTING POINT:	USP/NF <741>	°C	108.5	110.5	109.0
WATER CONTENT:	USP/NF <921la> (Spec <0.1%)	%			<0.1
DMSO CONTENT:	MSM-GC/FID 1-2 (Spec <0.05%)	%_3			<0.05
INDIVIDUAL IMPURITY	GC/FID 1 (Spec NMT 0.05%)	%_3			<0.05
PARTICLE SIZE: 12.3	USP/NF <7861> (Spec NLT 98% THROUGH)	% Thru	98.00		99.70
BULK DENSITY:	USP/NF <6161>	g/ml	0.68		0.71
TAPPED DENSITY:	USP/NF <6161>	g/ml	0.78		0.88
Total Aerobic Count:	USP<61> (Spec <10 cfu/g)	cfu/g			<10
Total Yeast and Mold	USP<61> (Spec <10 cfu/g)	cfu/g			<10
Enterobacteria:	USP<62> (Spec Absent)				Pass
Escherichia coli	USP<62> (Spec Absent)				Pass
Salmonella:	USP<62> (Spec Absent)				Pass
Staph aureus:	USP<62> (Spec Absent)				Pass
As (Arsenic):	EPA 200.8-ICPMS 1.2 (Spec <0.01 ppm)	ppm			<0.01
Cd (Cadmium):	EPA 200.8-ICPMS 1.2 (Spec <0.005 ppm)	ppm..			<0.005
Hg (Mercury):	EPA 7471A 1-2 (Spec <0.001 ppm)	ppm..			<0.001
Pb (Lead):	EPA 200.8-ICPMS 1.2 (Spec <0.01 ppm)	ppm			<0.01
Note 1	Third party laboratory validated method.				-
Note 2	Additional third party validation method may				-

Customer Comments:

This Certificate is computer generated. No signature is required.



Note 2.5	be used in place of listed method.				-
Note 3	U.S. Sieve Designation				-

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