



KALA Health BV

OBRECHTSTRAAT 432
2517 VK DEN HAAG

MARCH 2017

PRODUCT SPECIFICATION DATA OPTIMISM - FLAKES

General	
Product Description	Dimethyl sulfon or Methyl sulfonyl methane powder
Intended use	Human consumption as dietary supplement
Identification of improper use	Do not exceed recommended dosage

Analytical	SPECIFICATION	METHOD
Country of Origin	USA	
SKU Number:	20020	
Appearance	White flake	
Odor:	Odorless	Olfactory
Taste:	Bitter	Gustatory
Physicochemical Analysis		
Volatile Purity:	>99.8%	MSM ó GC-FID ¹
Melting Point	109.5°C ± 1.0°C	USP 29/NF24<741>
Water Content	<0.1%	USP 29/NF24<921Ia>
Excipient:	Non	
DMSO Content	<0.05%	MSM ó GC-FID ¹
Particle Size: 12 ³	NLT 98% through	USP29/NF24<786I>
Bulk Density	NLT 0.59 g/ml	USP 29/HF24<616I>
Tapped Density	NLT 0,75 g/ml	USP 29/HF24<616I>

¹ Third party laboratory validated method

Microbiological analysis		
Aerobic Plate Count	<10 cfu/gm	AOAC 990.12 ²
Yeast/Mold	<10 cfu/gm	AOAC 997.02 ²
Coliforms	<10 cfu/gm	AOAC 991.14 ²

² Positive or >10 cfu/gm will generate microbial ID test: E.Coli, Salmonella, Staphilococcus aureas, Pseudomonas aeruginosa

Chemical analysis		
Aluminium (Al)	<1.0 ppm	EPA 200.8 ó ICPMS ¹
Arsenic (As)	<0.010 ppm	EPA 7060A ó GFAA ¹
Cadmium (Cd)	<0.005 ppm	Conform EC 629/2008
Mercury (Hg)	<0.001 ppm	Conform EC 629/2008
Lead (Pb)	<0.010 ppm	Conform EC 629/2008
Pesticides	None Detected	Conform EC 1881/2006
PCBø and Dioxin	None Detected	Conform EC 1881/2006
Mycotoxins	None Detected	Conform EC 1881/2006

Certified		
GMO-free	Yes	Conform EG 1830/2003
Radiation-free	Yes	Conform EG 1999/2
Kosher	Yes	Orthodox Union
Halal	Yes	IFNCA

Package size		
	20 kg, 5 kg, 1 kg, 500 gr, 250 gr.	
Expiration:	See package	
Storage	Cool and dry	
Transport conditions:	Not in combination with harmful substances	