

Cell Nutrition.de

H e a l t h f o r L i f e

SPECIFICATION SHEET

Product Code:	MSM
Name:	Methylsulfonylmethane
Origin:	USA
Shelf life:	60-month
Storage conditions:	In original package in fresh, clean, dry conditions away from direct light and moisture
Packaging:	Polyethylene bags inside a cardboard drum

PHYSICAL CHARACTERISTICS

Identification
Appearance
Color
Odor
Taste
Density
Mesh size

SPECIFICATION

Pass
Fine powder
White
Characteristic
Characteristic
 $\geq 0,72$ g/ml
 $\geq 95\%$ through 40 mesh
 $\leq 55\%$ through 100 mesh

TEST METHOD

USP Methode B
Visual
Visual
Organoleptic
Organoleptic
USP/NF <616I>
USP/NF <786I>
USP/NF <786I>

CHEMICAL ANALYSIS

Assay
MSM
Melting point
Water content
DMSO content
Excipient used

SPECIFICATION

97,9% - 101,9%
 $109,5^{\circ}\text{C} \pm 1,0^{\circ}\text{C}$
 $\leq 0,1\%$
 $\leq 0,05\%$
Amorphous Silicon Dioxide

TEST METHOD

MSM - GC/FID
USP/NF <741>
USP/NF <921Ia>
MSM - GC/FID
-

IMPURITIES

Arsenic
Lead
Cadmium
Mercury

SPECIFICATION

$\leq 0,01$ ppm
 $\leq 0,01$ ppm
 $\leq 0,005$ ppm
 $\leq 0,001$ ppm

TEST METHOD

§64 LFGB L00.00-19/3, AAS-Gr.
§64 LFGB L00.00-19/3, AAS-Gr.
§64 LFGB L00.00-19/3, AAS-Gr.
§64 LFGB L00.00-19/4, AAS-Kaltd.

MICROBIOLOGY

Total plate count
Yeast & mould
E. Coli/Coliforms
Staphylococcus
Salmonella

SPECIFICATION

≤ 1.000 Cfu/g
 ≤ 100 Cfu/g
Negative/25g
Negative/g
Negative/g

TEST METHOD

ISO 4833-M
§64 LFGB L01.00-37-M
ISO 16649-2-M
ISO 6888-1-M
ISO 6579-2007

NUTRITIONAL FACTS (per 100g)

Energy
Carbohydrates
Saccharose
Fat
saturated Fat
Dietary Fibers
Protein
Sodium

SPECIFICATION

0 kJ / 0 kcal
0g
0g
0g
0g
0g
0g
0g