

Methylsulfonylmethane (MSM) 60-80mesh

DESCRIPTION

Methylsulfonylmethane is a form of organic sulfur found in all living organisms. It is a white crystalline powder that is one of the most bio-available sources of sulfur.

PRODUCT IDENTIFICATION

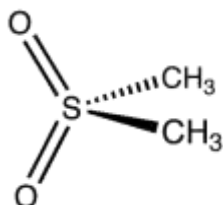
Synonym: Methyl sulfone; DMSO₂

Chemical name: 3-Tertiary-butyl-4-hydroxyanisole, a mixture of 3-and 2-tertiary-butyl-4-hydroxyanisole

Country of origin: China

CAS No.: 67-71-0

EINECS No.: 200-665-9



Molecule formula: C₂H₆O₂S Molecular weight: 94.13

SPECIFICATION

ITEMS	SPECIFICATION	METHOD
Appearance	White crystalline powder	Visual
Odor	Odorless	Oganoleptic
Identification A+B	Meet the requirements of USP40	USP
Particle size	60-80 mesh	USP
Assay	98.0% - 102.0%	USP
Melting point	108.5°C-110.5°C	USP
Boiling point	238°C	USP
Water content	0.2% Max	USP
Residue on ignition	0.1% Max	USP
Sulfur content	34%	USP
Bulk density	>0.65 g/mL	USP
Heavy metals (as Pb)	3 ppm Max	USP
Lead	0.3 ppm Max	ICP-MS
Arsenic	0.1 ppm Max	ICP-MS
Cadmium	0.1 ppm Max	ICP-MS

Mercury	0.1 ppm Max	AAS
Chromatographic purity and limit of dimethylsulfoxide	Meet the requirements of USP40	USP
Total aerobic microbial content	1,000 CFU/g Max	USP
Yeast & mold	100 CFU/g Max	USP
E. Coli	Negative/g	USP
Salmonella	Negative/10 g	USP
S. Aureus	Negative	USP

- **GMOs** -reference to Regulations 1829/2003 and 1830/2003
- **Allergens** - reference to Regulation 1169/2011
- **BSE/TSE** –reference to Regulation 999/2001
- **Novel Food statement** with reference to EU Regulation 2015/2283
- **Metal detector statement** - accordance with Regulations 1999/2/EC and 1999/3/EC
- **Vegan declaration**

STORAGE

The product may be stored for 24 months from the date of manufacture in the unopened original container. Keep container tightly closed under cool and light proof conditions. Once opened, use contents quickly.

APPLICATION

MSM will be ingested to contribute significantly to the daily nutritional sulfur requirement. Sulfur plays an indispensable role in human nutrition which is often overlooked. It is responsible for the conformation of body proteins through the formation of disulfide bonds, thereby holding connective tissue together.

MSM can also be used as an animal feed supplement. It is helpful in relieving symptoms of knee osteoarthritis in animals. It is easy to feed and is very palatable to animals eg. horses.

200247 (M02714)
 20230802 - Rev. 4.0