



GUINAMA. Laboratory distributor of raw materials for the pharmaceutical and cosmetics industries.

Type of document:

TECHNICAL DATA SHEET

Review date:

31.05.2023

Version:

5.0

## 94130-PHARMA GRADE DIMETHYL SULPHOXIDE

### 1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

#### 1.1 Identification of the substance or preparation

Name: Dimethyl sulphoxide

Bulk code: 94130

Internal code: 405340

#### 1.2 Synonyms

DMSO, Methyl sulphoxide, Sulfinylbismethane.

### 2. DESCRIPTION

Appearance: Transparent liquid

Colour: Colourless

Odour: Odourless or almost odourless

### 3. COMPOSITION/INFORMATION ON COMPONENTS

Formula:  $C_2H_6OS$

CAS: 67-68-5

EINECS: 200-664-3

Molecular weight: 78.13 g/mol

### 4. PHYSICO-CHEMICAL DATA

For more information, see the analysis report.

**Solubility:** Miscible with water and ethanol. Practically insoluble in acetone, alcohol, benzene, chloroform and ether.

Hygroscopic.

Incompatible with plastics.

### 5. PROPERTIES/USES

Excipient for pharmaceutical use.

NOT SUITABLE for oral use.



GUINAMA. Laboratory distributor of raw materials for the pharmaceutical and cosmetics industries.

Type of document:

TECHNICAL DATA SHEET

Review date:

31.05.2023

Version:

5.0

## 94130-PHARMA GRADE DIMETHYL SULPHOXIDE

### 6. DOSAGE

No information available.

### 7. REMARKS

The product has been handled in a NON-sterile room; for batches suitable for sterile use, check availability.

#### STORAGE:

Store in a cool, dry place, away from sunlight and moisture, in a tightly closed container. Keep away from heat and moisture sources.

The documentation available related to the product's regulatory compliance is included below.

#### ELEMENTAL IMPURITIES:

Elemental impurities (ICH Q3D):	
Class 1	
Cd	0.5 ppm
Pb	0.5 ppm
As	1.5 ppm
Hg	1.5 ppm
Class 2A	
Co	2 ppm
V	10 ppm
Ni	10 ppm
Class 2B	
Tl	0.8 ppm
Au	10 ppm
Pd	10 ppm
Ir	10 ppm
Os	10 ppm
Rh	10 ppm
Ru	10 ppm
Se	15 ppm
Ag	15 ppm
Pt	10 ppm
Class 3	
Li	55 ppm
Sb	120 ppm
Ba	140 ppm
Mo	25 ppm
Cu	250 ppm
Sn	600 ppm
Cr	25 ppm



GUINAMA. Laboratory distributor of raw materials for the pharmaceutical and cosmetics industries.

Type of document:

TECHNICAL DATA SHEET

Review date:

31.05.2023

Version:

5.0

94130-PHARMA GRADE DIMETHYL SULPHOXIDE

REACH:

01-2119431362-50-XXXX

TARIFF ITEM NUMBER:

2930 90 99 99