

D0716NN **Gold Line**

Typical analysis

Assay (GC)	min 99.5%
Acidity	0.01%
Chloride (Cl)	0.001%
Lead (Pb)	0.005%
Residue on evaporation	0.01%
Sulphate (SO ₄)	0.01%
Water (H ₂ O)	0.1%

Packaging

500ml clear plastic bottle
2.5l amber glass bottle

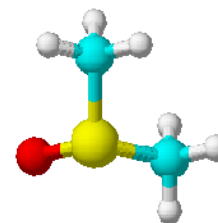
D0717NN **HPLC Line**

Warranty certificate

Assay	min 99.7%
Dimethyl sulphone	0.1%
Non-volatile residue	0.001%
Water (H ₂ O)	0.1%
UV Transmission	
Quartz cuvette: 1cm - control standard: water	
T: 10 34 71 98	
Wavelength (nm): 265 270 290 340	

Packaging

2.5l amber glass bottle



Physical properties, composition and data

Chemical formula	(CH ₃) ₂ SO or C ₂ H ₆ OS
Chemical group	Sulphoxides
Synonym	DMSO; Methyl sulphoxide; Sulphinylbismethane
Atomic weight	78.13
Weight per litre	1.10kg
Appearance	Colourless, hygroscopic liquid
Miscibility	Miscible with water, alcohol, benzene, acetone and chloroform
Melting point	18.45°C
Boiling point	189°C
Flash point	95°C (open cup)
Ignition point	270°C
Density (g/ml)	1.1
Other information	Freezes in low temperatures

Laboratory preparation, applications and practices

Laboratory preparation	Oxidation of dimethyl sulphide with nitrogen tetroxide under anhydrous conditions
Usage	Solvent for acetylene, sulfur dioxide and other gases, as antifreeze or hydraulic fluid when mixed with water

Storage and handling information

Storage	Store separated from oxidants
Safety phrases	26
Risk phrases	36/38

Transport regulations

Tariff code	2930-90-05
ECB number	200-664-3

