



66444

Dimethyl Sulphoxide (DMSO) ACS, ExiPlus, Multi-Compendial, 99.9%

Part A

CAS : 67-68-5

Molecular Formula : C₂H₆SO

Molecular Weight : 78.13

Specifications

ExiPlus	meets compendial specs of Ph.Eur, USP
Appearance (Clarity)	Clear
Appearance (Colour)	Colourless
Appearance (Form)	Liquid
Solubility	Soluble in water and ethanol (96%)
Identification (IR Spectrum)	Complies
Assay (GC)	min. 99.9%
Density (g/ml) @ 20°C	1.099-1.101
Refractive Index (20°C)	1.478-1.479
Boiling Range	189-192°C
Freezing Point	17-18°C
Non Volatile Matter	max. 0.01%
Acidity (CH ₃ COOH)	max. 0.005%
Water (KF)	max. 0.1%
Absorbance of sample in 1cm cell v/s H ₂ O	
@270nm	max. 0.40
@275nm	max. 0.30
@285nm	max. 0.20
@290nm	max. 0.18
@295nm	max. 0.15
@310nm	max. 0.06
@330nm	max. 0.02
@350-400 nm	max. 0.01
(after purging with N ₂ for 15 min.)	
Absorbance ratio	
A 285nm/A 275nm	max. 0.65
A 295nm/A 275nm	max. 0.45
Dimethyl sulfone and Dibenzyl sulfone (GC)	max. 0.1%
Total Impurities	max. 0.15%

General Information

Storage	25 to 40°C (Room Temperature)
Shelf Life	60 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
2500 ml	29309099 (GST 18%)
500 ml	29309099 (GST 18%)
Type of Packing	
2500 ml	Glass Bottle
500 ml	Glass Bottle

Available Packages

500 ml

2500 ml

Disclaimer

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