



Dimethylsulphoxide

Synonyms:

Methyl sulfoxide , DMSO

CH₃SOCH₃

Classification

Danger

Molecular weight **78.13** ONU

CAS **67-68-5** Transport hazard class:

EEC-N: **200-664-3** Packing

Dimethylsulphoxide

> **RS - SPECTROSOL - For optical spectroscopy - Reag.Ph.Eur.**

Special Grade

Description	Clear colourless liquid	-
Identification	Positive	-
Density d ₂₀ /4	1.100 - 1.104	-
Refractive index at 20°C	1.478 - 1.480	-
Freezing point	≥ 18.3	°C
Water (K.F.)	≤ 500	ppm
Residue on evaporation	≤ 10	ppm



Acidity	≤ 0.0005	meq/g
Alcalinity	≤ 0.0002	meq/g
Fluorescence	-	-
at 254 nm	≤ 2	ppb
at 365 nm	≤ 2	ppb
UV Absorbance	-	-
at 262 nm	≤ 1.00	AU
at 270 nm	≤ 0.46	AU
at 290 nm	≤ 0.16	AU
from 340 nm	≤ 0.01	AU
UV Transmittance	-	-
at 265 nm	≥ 10	%
at 275 nm	≥ 60	%
at 290 nm	≥ 71	%
at 315 nm	≥ 90	%
at 340 nm	≥ 98	%
Assay (GC)	≥ 99.8	%
Dimethylsulphone	≤ 0.1	%



ID	Size	Packaging
000000000000445112	1 l	Glass bottle
000000000000445111	2.5 l	Glass bottle



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