



**ChemPure* Brand
Chemicals**

June 22, 2022

...Pure Quality

CERTIFICATE OF ANALYSIS

DIMETHYL SULFOXIDE (DMSO)

ACS/HPLC grade

Syn: Methylsulfinylmethane, Methyl sulfoxide

Product Number :	CP-C9741	Linear Formula:	(CH ₃) ₂ SO
Lot Number:	SHBP7916CP	Molecular Weight:	78.13 g/mol
CAS Number	67-68-5	EC Number :	200-664-3
MDL number:	MFCD00002089	Density:	1.10 g/cm ³

ANALYSIS

TEST	SPECIFICATION	RESULT
Description	Clear colorless liquid free of suspended matter	Passes Test
Assay (by GC-FID) (Corrected for Water)	Min 99.5 %	99.99%
ID by IR Spectroscopy	Passes Test	Passes
Residue after evaporation	Max 100 ppm	<10 ppm
Water (by KF Coulometry)	Max 1000 ppm	< 1000 ppm
Titration acid (meq/g)	< or =0.001	< 0.001
UV Absorbance 350nm	< or =0.01	0.01
UV Absorbance 300nm	< or =0.10	0.07
UV Absorbance 280nm	< or =0.30	0.16
UV Absorbance 270nm	< or =0.70	0.37

Meets ACS Requirements

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