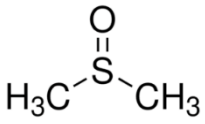
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PureSynth®
Research Chemicals

Product Specification

Product Name:
Dimethyl Sulfoxide, Pur*Reagent* suitable for cell culture

Product No.:	PSR46707
Brand:	PureSynth
CAS No.:	67-68-5
Molecular Formula:	C_2H_6OS
Molecular Weight:	78.13 g/mol



Test	Specification
Appearance	Clear, Colorless Liquid
Assay (By GC)	≥ 99.0 %
Water (By KF)	NMT 0.100 %
Density (at 20°C)	1.099 - 1.101 g/cm^3
Acidity (CH_3COOH)	NMT 0.005 %
Identity Test	Complies
Absorbance at 270nm	NMT 0.40
Absorbance at 275nm	NMT 0.30
Absorbance at 285nm	NMT 0.20
Absorbance at 290nm	NMT 0.18
Absorbance at 295nm	NMT 0.15
Absorbance at 310nm	NMT 0.06
Absorbance at 330nm	NMT 0.02
Absorbance at 350nm	NMT 0.01
Absorbance at 400nm	NMT 0.01
Identification by ^{1}H-NMR	Conforms to structure
Suitability for Cell Culture	Complies

Specification No.: PR-1.0-QA/1008, Ver. No. 1.1, 27.10.2026.

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com