64683 Einhausen Marie-Curie-StraBe. 3, Germany
Website: www.pure-synth.com
Phone: 1800-8908-260
Email: info@pure-synth.com

PureSynth®
Research Chemicals

Certificate of Analysis

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

Product No.:	PSR46707
Lot No.:	Sample COA
Brand:	PureSynth
CAS No.:	67-68-5
Molecular Formula:	C_2H_6OS
Molecular Weight:	78.13 g/mol
Date of Mfg.:	NA
Date of Exp.:	NA

Test	Specification	Result
Appearance	Clear, Colorless Liquid	Clear, Colorless Liquid
Assay (By GC)	≥ 99.0 %	99.42 %
Water (By KF)	NMT 0.100 %	0.032 %
Density (at 20°C)	1.099 - 1.101 g/cm^3	1.100 g/cm^3
Acidity (CH_3COOH)	NMT 0.005 %	0.001 %
Identity Test	Complies	Complies
Absorbance at 270nm	NMT 0.40	0.324
Absorbance at 275nm	NMT 0.30	0.173
Absorbance at 285nm	NMT 0.20	0.121
Absorbance at 290nm	NMT 0.18	0.085
Absorbance at 295nm	NMT 0.15	0.098
Absorbance at 310nm	NMT 0.06	0.002
Absorbance at 330nm	NMT 0.02	0.001
Absorbance at 350nm	NMT 0.01	0.003
Absorbance at 400nm	NMT 0.01	0.003
Identification by ^{1}H-NMR	Conforms to structure	Conforms to structure
Suitability for Cell Culture	Complies	Complies

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.
For queries on this COA, please contact our technical team at technical@pure-synth.com

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Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications

The current Specification sheet may be available at www.pure-synth.com

Inspect on receipt

Storage Condition:

Store at a room temperature and keep the container tightly closed.

PureSynth Research Chemicals GmbH

This is electronically-generated copy & is valid without a signature

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