

Certificate of Analysis

Product Name:

Dimethyl sulfoxide PurSol[®] HS, GC-Headspace tested, ≥99.9%

Product No.: PSR36268
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 67-68-5
Molecular Formula: C₂H₆OS
Molecular Weight: 78.13 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Colorless Liquid	Colorless Liquid
Assay (By GC)	≥ 99.9 %	99.96 %
Water (by KF)	NMT 0.05 %	0.004 %
Color (APHA)	NMT 10.0	< 10.0
Clarity	Clear	Clear
UV Cut-off	NMT 265 nm	262 nm
Absorbance		
Absorbance @ 400 nm	NMT 0.008 AU	0.0001 AU
Absorbance @ 350 nm	NMT 0.022 AU	0.0024 AU
Absorbance @ 300 nm	NMT 0.070 AU	0.0598 AU
Absorbance @ 275 nm	NMT 0.221 AU	0.1735 AU
Absorbance @ 268 nm	NMT 0.522 AU	0.3870 AU
GC-HS Class 1	NMT 1.0 ppm	< 1.0 ppm
GC-HS Class 2	NMT 10.0 ppm	< 10.0 ppm
GC-HS Class 3	NMT 50.0 ppm	< 50.0 ppm
GC-HS Suitability test	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

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 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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