

Certificate of Analysis

Product Name:

N,N-Dimethylacetamide PurSolv HS, GC-Headspace tested, ≥99.9%

Product No.: PSR2028
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 127-19-5
Molecular Formula: C₄H₉NO
Molecular Weight: 87.12 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 %
Refractive Index (20°C)	1.436- 1.438	1.438
Water (By KF)	NMT 0.030 %	0.007 %
UV Cutoff	268 nm	266.2 nm
Absorbance @ 400 nm (10 mm)	NMT 0.004 AU	-0.0013 AU
Absorbance @ 350 nm (10 mm)	NMT 0.008 AU	0.0020 AU
Absorbance @ 300 nm (10 mm)	NMT 0.070 AU	0.0611 AU
Absorbance @ 275 nm (10 mm)	NMT 0.259 AU	0.2220 AU
Absorbance @ 268 nm (10 mm)	NMT 1.000 AU	0.7499 AU
GC Headspace Class 1 Compounds	NMT 1 ppm	< 1 ppm
GC Headspace Class 2 Compounds	NMT 10 ppm	< 10 ppm
GC Headspace Class 3 Compounds	NMT 50 ppm	< 50 ppm
GC Headspace Suitability Test	Passes test	Passes test

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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