

Certificate of Analysis

Product Name:

N,N-Dimethylacetamide PurSol[®] 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 %	99.95 %
Refractive Index (20°C)	1.436- 1.438	1.438
Water (By KF)	NMT 0.030 %	0.007 %
UV Cutoff	NMT 268 nm	267 nm
Absorbance @ 400 nm	NMT 0.004 AU	0.0009 AU
Absorbance @ 350 nm	NMT 0.008 AU	0.0044 AU
Absorbance @ 300 nm	NMT 0.070 AU	0.0645 AU
Absorbance @ 275 nm	NMT 0.259 AU	0.2252 AU
Absorbance @ 268 nm	NMT 1.000 AU	0.7852 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	Complies	Complies

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

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