

Certificate of Analysis

Product Name:

n-Heptane PurSolv Ultra for LC-MS

Product No.: PSR2764
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 142-82-5
Molecular Formula: C₇H₁₆
Molecular Weight: 100.21 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Colorless clear liquid	Colorless clear liquid
Assay (By GC)	≥ 99.0 %	99.6 %
Water (By KF)	NMT 0.01 %	0.002 %
Non-volatile matter	NMT 0.0005 %	<0.0005 %
UV Absorbance		
@ 225 nm	NMT 0.100	0.042
@ 250 nm	NMT 0.010	0.005
@ 300 nm	NMT 0.005	0.0001
@ 400 nm	NMT 0.005	<0.0001
Fluorescence		
@ 254 nm	NMT 1.0 ppb	< 1.0 ppb
@ 365 nm	NMT 1.0 ppb	< 1.0 ppb
Suitability for LC-MS	Complying	Complying

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 container tightly closed in a well-ventilated place.

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