

## Certificate of Analysis

Product Name:

**n-Hexane PurSolv MS for GC-MS, ≥ 98.0 %**

Product No.: PSR38223  
Lot No.: Sample COA  
Brand: PureSynth  
CAS No.: 110-54-3  
Molecular Formula: C<sub>6</sub>H<sub>14</sub>  
Molecular Weight: 86.18 g/mol  
Date of Mfg.: NA  
Date of Exp.: NA

Test	Specification	Result
Appearance	Colorless Liquid	Colorless Liquid
Assay (By GC)	≥ 98.0 %	98.2 %
Water (By KF)	NMT 0.01 %	0.001 %
Non-Volatile Matter	NMT 1.0 %	< 0.5 %
UV Cut-off	NMT 195 nm	190 nm
Electron Capture GC	NMT 10 ng/L	< 10 ng/L
UV Absorbance @ 225 nm	NMT 0.050 AU	0.0420 AU
UV Absorbance @ 250 nm	NMT 0.010 AU	0.0038 AU
UV Absorbance @ 275 nm	NMT 0.005 AU	< 0.0001 AU
UV Absorbance @ 300 nm	NMT 0.005 AU	< 0.0001 AU
UV Absorbance @ 400 nm	NMT 0.005 AU	< 0.0001 AU
Identification by GC-MS	Conform to molecular mass	Conforms
Identification by IR	Conforms to structure	Conforms
Suitability for GC-MS	Complying	Complying

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](mailto: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](http://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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