

## Certificate of Analysis

Product Name:

**Iso-Octane PurSolv Plus for HPLC, GC, pesticide residue analysis and spectrophotometry, >99.0%**

Product No.: PSR44971  
Lot No.: Sample COA  
Brand: PureSynth  
CAS No.: 540-84-1  
Molecular Formula: C<sub>8</sub>H<sub>18</sub>  
Molecular Weight: 114.23 g/mol  
Date of Mfg.: NA  
Date of Exp.: NA

Test	Specification	Result
Appearance	Colorless Liquid	Colorless Liquid
Assay (By GC)	> 99.0 %	99.43 %
Water (By KF)	NMT 0.01 %	0.001 %
UV Cutoff	NMT 215 nm	202 nm
Refractive Index (20°C)	1.3907-1.3923	1.3917
Electron Capture GC	NMT 2.0 µg/L	< 2 mg/L
UV Absorbance		
At 300 nm	NMT 0.100 AU	0.0612 AU
At 325 nm	NMT 0.020 AU	0.0065 AU
At 350 nm	NMT 0.005 AU	0.0013 AU
At 400 nm	NMT 0.005 AU	0.0009 AU

### 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*

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)