

## Certificate of Analysis

Product Name:

**Tetrahydrofuran PurSol<sup>v</sup> Ultra for LCMS/Spectrophotometry (Inhibitor Free)**

Product No.: PSR37423  
Lot No.: Sample COA  
Brand: PureSynth  
CAS No.: 109-99-9  
Molecular Formula: C<sub>4</sub>H<sub>8</sub>O  
Molecular Weight: 72.11 g/mol  
Date of Mfg.: NA  
Date of Exp.: NA

Test	Specification	Result
Appearance	Colorless liquid	Colorless liquid
Assay (By GC)	≥99.0%	99.45 %
Residue on Evaporation	NMT 0.0005%	< 0.0005%
Water (By KF)	NMT 0.5 %	0.006 %
Free acid (as CH <sub>3</sub> COOH)	NMT 0.002 %	< 0.002%
Peroxides (as H <sub>2</sub> O <sub>2</sub> )	NMT 0.5 %	< 0.5 %
Absorbance at 212 nm	NMT 10	< 10
Absorbance at 245 nm	NMT 0.26	< 0.26
Absorbance at 250 nm	NMT 0.18	< 0.18
Absorbance at 275 nm	NMT 0.046	< 0.046
Absorbance at 300 nm	NMT 0.02	< 0.02
Absorbance at 315 nm	NMT 0.0044	< 0.0044
Absorbance at 350 nm	NMT 0.005	< 0.005
Absorbance at 400 nm	NMT 0.005	< 0.005
APHA	NMT 10	< 10
Identification by IR	Conforms to Structure	Conforms

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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