

## Certificate of Analysis

Product Name:

**Chloroform PurSol<sup>v</sup> Plus for HPLC, GC and spectrophotometry, ≥ 99.9%  
(contains amylene and 1% ethanol)**

Product No.: PSR44959  
Lot No.: Sample COA  
Brand: PureSynth  
CAS No.: 67-66-3  
Molecular Formula: CHCl<sub>3</sub>  
Molecular Weight: 119.37 g/mol  
Date of Mfg.: NA  
Date of Exp.: NA

Test	Specification	Result
Appearance	Colorless Liquid	Colorless Liquid
Assay (By GC)	≥ 99.9 %	99.98 %
Water (By KF)	NMT 0.02 %	0.001 %
Refractive Index (20°C)	1.4443- 1.4451	1.4449
Suitability for Use in Dithizone Tests	Passes test	Passes test
Acidity (as HCl)	NMT 1 mg/L	< 1 mg/L
Residue	NMT 1 mg/L	<0.5 mg/L
Chloride	NMT 10 mg/L	< 10 mg/L
UV Cutoff	NMT 245 nm	242 nm
Electron Capture GC	NMT 10 ng/L	< 10 ng/L
UV Absorbance		
At 250 nm	NMT 0.300	0.2376
At 275 nm	NMT 0.005	0.0038
At 300 nm	NMT 0.005	0.0023
At 400 nm	NMT 0.005	< 0.0001

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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