

Certificate of Analysis

Product Name:

Trichloroethylene ACS PurReagent ≥99.5%

Product No.: PSR50645
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 79-01-6
Molecular Formula: C₂HCl₃
Molecular Weight: 131.39 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Colorless Liquid	Colorless Liquid
Assay (By GC)	≥ 99.5 %	99.95 %
Water (By KF)	NMT 0.020 %	0.004 %
Solubility (0.1gm in 100 ml of water at 25°C)	Clear Colorless Solution	Clear Colorless Solution
Density	1.462 – 1.464 g/cm ³	1.462 g/cm ³
Non Volatile Matter	NMT 0.001 %	0.0005 %
Titrateable Acid	NMT 0.0036 %	0.0002 %
Titrateable base	NMT 0.0003	< 0.0003
Heavy Metals (Pb)	NMT 0.0001%	< 0.0001%
Free Halogens	Passes test	Passes
Identification By IR	Conforms to Structure	Conforms

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

Stabilizer 0.01%-0.02% Triethylamine present

The current Specification sheet may be available at 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