

Certificate of Analysis

Product Name:

tert-Butyl Methyl Ether **PurSolv Hyper for HPLC, ≥99.8%**

Product No.: PSR42946
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 1634-04-4
Molecular Formula: C₅H₁₂O
Molecular Weight: 88.15 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Colorless Liquid	Colorless Liquid
Assay (by GC)	≥ 99.8 %	99.98 %
Water (by KF)	NMT 0.01%	0.002 %
Residue on Evaporation	NMT 0.0005%	< 0.0005%
Free acid (as CH ₃ COOH)	NMT 0.002%	< 0.002%
Peroxides (as H ₂ O ₂)	NMT 0.0005%	< 0.0005%
Absorbance		
At 400 nm	NMT 0.005	< 0.005
At 300 nm	NMT 0.005	< 0.005
At 260 nm	NMT 0.05	< 0.05
At 250 nm	NMT 0.10	< 0.10
At 220 nm	NMT 0.40	< 0.40
At 210 nm	NMT 1.0	< 1.0
Identification By IR	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

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

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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