

Certificate of Analysis

tert-Butylmethyl ether

PurCert Standard for GC

(Secondary Reference Standard)

Product Number	PSR28310	CAS No.	1634-04-4
Brand	PureSynth	Lot No.	NP09Y
Molecular Formula	C ₅ H ₁₂ O	Date of Mfg.	May,2021
Molecular Weight	88.15 g/mol	Date of Exp.	April,2025

Test	Specification	Result
Description	Colorless liquid	Colorless liquid
Clarity	Clear	Clear
Assay (GC-FID)	≥99.5 %	99.99%
Non-volatile matter	<0.001%	0.0002%
Peroxides (as H ₂ O ₂)	<1ppm	<1ppm
APHA	<10	<5
Water (by KF)	≤0.15%	0.1458 %
Identification by ¹ H NMR	Conform to structure	Conforms
Identification by GC-MS	Conform to molecular	Conforms
Identification by IR	Conform to structure	Conforms

***Traceable to USP Reference Standard 1083303, Lot No. R064R0.**

Storage Condition: Store at ambient temperature and keep container tightly closed in a dry and well-Ventilated place.

Remark: The batch complies with the prescribed quality of the above specification.

This is a computer-generated report -does not required sign

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