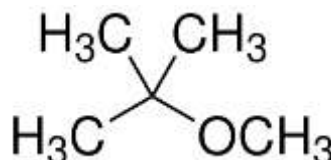


## Product Specification

Product Name:

**tert-Butyl methyl ether (MTBE) PurTech Standard for GC**  
(Secondary Reference Standard)

Product No.: PSI062  
Brand: PureSynth  
CAS No.: 1634-04-4  
Molecular Formula: C<sub>5</sub>H<sub>12</sub>O  
Molecular Weight: 88.15 g/mol



Test	Specification
Appearance	Colorless liquid
Assay (By GC)	≥ 99.0 %
Water (By KF)	NMT 0.500 %
Potency	-
Density	0.740 – 0.745 g/cm <sup>3</sup>
Identification by <sup>1</sup> H NMR	Conforms to structure
Identification by GC-MS	Conforms to molecular mass
Identification by IR	Conforms to structure

**\*Traceable to USP Reference standard 1083303, Lot no: R064R0.**

Specification: PT-1.0-QA/35

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com