

Technical Datasheet

Article no.: 2529

tert.-Butyl methyl ether for HPLC (min. 99.8 %)

C₅H₁₂O

For laboratory use.

CAS-No: 1634-04-4
Appearance/condition: Colourless liquid
Melting point: -108.6 °C
Boiling point: 55 °C
Density (20 °C): 0.74 g/ml
Molar mass: 88.15 g/mol

Parameter	Value
Colour (APHA)	max. 10
Refractive index (20 °C)	1.367 – 1.371
Water (KF)	max. 100 ppm
Residue on evaporation	max. 10 ppm
Methanol (CH ₃ OH) and tert.-Butanol (C ₄ H ₉ OH)	max. 0.05 %
UV-Transmission at 210 nm	min. 10 %
UV-Transmission at 230 nm	min. 40 %
UV-Transmission at 250 nm	min. 75 %
UV-Transmission at 280 nm	min. 92 %
UV-Transmission at 300 nm	min. 98 %
Hydrocarbons up to C ₈	max. 0.05 %
Filtered through 0.2 µm.	

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