

Technical Datasheet

Article No. 2529

tert.-Butyl methyl ether for HPLC
min. 99.8 % C₅H₁₂O

For laboratory use.

Parameter	Value
Appearance	clear liquid
Density (20 °C)	0.74 g/ml
Melting point	-108.6 °C
Boiling point	55.3 °C
Flash point	-30 °C
Molar mass	88.15 g/mol
Refractive index (20 °C)	1.367–1.371
Water (KF)	max. 100 mg/kg
Non volatile substances	max. 10 mg/kg
Methanol (CH ₃ OH) and tert.-Butanol (C ₄ H ₉ OH)	max. 0.05 %
UV Transmission at 210 nm	min. 10.0 %
UV Transmission at 230 nm	min. 40.0 %
UV Transmission at 250 nm	min. 75.0 %
UV Transmission at 280 nm	min. 92.0 %
UV Transmission at 300 nm	min. 98.0 %
Hydrocarbons up to C ₈	max. 0.05 %
Colour (Hazen)	max. 10
Filtered through 0.2 µm	