

Methyl tert-Butyl Ether
HPLC
For use in Liquid Chromatography (HPLC & UHPLC) & Spectrophotometry
(tert-Butyl Methyl Ether)



Material No.: 9042-03

Revision No.: 0

Product Specification

Test	Specification
Assay (C ₅ H ₁₂ O) (by GC, corrected for water)	≥ 99.0 %
Ultraviolet Absorbance (1.00-cm cell vs. water) - 350 nm	≤ 0.01
Ultraviolet Absorbance (1.00-cm cell vs. water) - 280 nm	≤ 0.02
Ultraviolet Absorbance (1.00-cm cell vs. water) - 254 nm	≤ 0.1
Ultraviolet Absorbance (1.00-cm cell vs. water) - UV Cut-off, nm	≤ 215
Fluorescence Trace Impurities, measured as Quinine Base - at 450 nm Emission	≤ 0.3 ppb
Fluorescence Trace Impurities, measured as Quinine Base - at Emission Maximum for Impurities	≤ 1.0 ppb
Peroxide (as H ₂ O ₂)	≤ 1 ppm
Residue after Evaporation	≤ 3.0 ppm
Water (by KF, coulometric)	≤ 0.05 %

For Laboratory, Research, or Manufacturing Use

Packaging Site: Paris Mfg Ctr & DC


Jamie Ethier
Vice President Global Quality

For questions on this Product Specification please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700