

Certificate of Analysis

Date of Testing: 2025-03-11 18:56:36

Date of Next Testing: 2027-03-01 18:56:36

Product Name: **tert-Butyl methyl ether(MTBE)**

CAS Number: 1634-04-4

Specifications & Purity: Chromatographic grade, $\geq 99.9\%$ (GC)

Lot #: C2506761

SKU #: **B108115**

Version: **1**

Analysis #: **475362**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
UV Absorbance 300nm	0-0.01	0.00
Absorbance (at 250 nm)	0-0.1	0.06
Alkalinity	0-0.0002 (mg/g)	0.00 mg/g
Refractive index n ₂₀ /D	1.368-1.371	1.37
Evaporation Residue	0-0.0003 (mg/L)	0.00 mg/L
UV Absorbance 400nm	0-0.01	0.00
UV Absorbance 210nm	0-1	0.28
Water by Karl Fischer	0-0.05 (%)	0.01 %
UV Absorbance 225nm	0-0.5	0.27
Purity(GC)	99.9-100 (%)	99.93 %
Acidity(as H ⁺)	0-0.0005 (meq/g)	0.00000 meq/g
Appearance (B108115)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager