

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-18 08:54:07
Date of Next Testing: 2028-05-07 08:54:07
Product Name: **tert-Butyl methyl ether(MTBE)**
CAS Number: 1634-04-4
Specifications & Purity: HPLC grade, $\geq 99.9\%$ (GC)
Lot #: D2610476
SKU #: **B108115**
Version: **1**
Analysis #: **705650**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99.9-100 (%)	99.93500 %
UV Absorbance 300nm	0-0.01	0.00000
Absorbance (at 250 nm)	0-0.1	0.05800
Refractive index n ₂₀ /D	1.368-1.371	1.36910
Evaporation Residue	0-0.0003 (mg/L)	0.00000 mg/L
UV Absorbance 400nm	0-0.01	0.00000
UV Absorbance 210nm	0-1	0.35900
UV Absorbance 225nm	0-0.5	0.25400
Water by Karl Fischer	0-0.05 (%)	0.00330 %
Alkalinity	0-0.0002 (mg/g)	0.00000 mg/g
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