

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-28 17:20:48  
Date of Next Testing: 2027-11-18 17:20:48  
Product Name: **tert-Butyl methyl ether(MTBE)**  
CAS Number: 1634-04-4  
Specifications & Purity: HPLC grade,  $\geq 99.9\%$ (GC)  
Lot #: J2522446  
SKU #: **B108115**  
Version: **1**  
Analysis #: **613308**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
UV Absorbance 300nm	0-0.01	0.00000
Absorbance (at 250 nm)	0-0.1	0.08300
Refractive index n <sub>20</sub> /D	1.368-1.371	1.36900
Evaporation Residue	0-0.0003 (mg/L)	0.00000 mg/L
UV Absorbance 400nm	0-0.01	0.00000
UV Absorbance 210nm	0-1	0.41700
Water by Karl Fischer	0-0.05 (%)	0.00630 %
UV Absorbance 225nm	0-0.5	0.39200
Purity(GC)	99.9-100 (%)	99.95000 %
Alkalinity	0-0.0002 (mg/g)	0.00000 mg/g
Acidity(as H <sup>+</sup> )	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