

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-11 10:02:36  
Date of Next Testing: 2027-07-01 10:02:36  
Product Name: **tert-Butyl methyl ether(MTBE)**  
CAS Number: 1634-04-4  
Specifications & Purity: HPLC grade, ≥99.9%(GC)  
Lot #: F2506848  
SKU #: **B108115**  
Version: **1**  
Analysis #: **538811**  
Storage Temperature: Room temperature

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| UV Absorbance 300nm                 | 0-0.01                | 0.00000               |
| Absorbance (at 250 nm)              | 0-0.1                 | 0.05900               |
| 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                   | 0.24300               |
| Water by Karl Fischer               | 0-0.05 (%)            | 0.01860 %             |
| UV Absorbance 225nm                 | 0-0.5                 | 0.20600               |
| Alkalinity                          | 0-0.0002 (mg/g)       | 0.00000 mg/g          |
| Acidity(as H <sup>+</sup> )         | 0-0.0005 (meq/g)      | 0.00000 meq/g         |
| Purity(GC)                          | 99.9-100 (%)          | 99.99500 %            |
| Appearance (B108115)                | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager