

## Certificate of Analysis

Date of Testing: 2023-03-14 06:21:24  
Date of Next Testing: 2025-03-03 06:21:24  
Product Name: **tert-Butyl methyl ether**  
CAS Number: 1634-04-4  
Specifications & Purity: HPLC, ≥99.9%(GC)  
Lot #: C23101163  
SKU #: **B108115**  
Analysis: **188656**

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| UV Absorbance 300nm                 | 0-0.01                | 0.01                  |
| Acidity                             | 0-0.0005              | 0.00                  |
| Alkalinity                          | 0-0.0002 (mg/g)       | 0.00 mg/g             |
| Refractive index n <sub>20</sub> /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                  |
| Water by Karl Fischer               | 0-0.05 (%)            | 0.02 %                |
| UV Absorbance 225nm                 | 0-0.5                 | 0.42                  |
| Purity(GC)                          | 99.9-100 (%)          | 99.98 %               |
| UV Absorbance 250nm                 | 0-0.1                 | 0.10                  |
| UV Absorbance 210nm                 | 0-1                   | 0.95                  |
| Appearance (B108115)                | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager