

Certificate of Analysis

Date of Testing: 2023-03-01 17:53:51
Date of Next Testing: 2025-02-18 17:53:51
Product Name: **tert-Butyl methyl ether**
CAS Number: 1634-04-4
Specifications & Purity: HPLC, ≥99.9%(GC)
Lot #: B2327069
SKU #: **B108115**
Analysis: **154000**

| Parameter | Limit Values | Result |
|-------------------------------------|-----------------------|-----------------------|
| Acidity | 0-0.0005 | 0.00 |
| 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 | 0.69 |
| Water by Karl Fischer | 0-0.05 (%) | 0.01 % |
| UV Absorbance 225nm | 0-0.5 | 0.46 |
| Purity(GC) | 99.9-100 (%) | 99.94 % |
| UV Absorbance 300nm | 0-0.01 | 0.01 |
| UV Absorbance 250nm | 0-0.1 | 0.10 |
| Appearance (B108115) | Colorless Liquid | Colorless liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager