

## Certificate of Analysis

Date of Testing: 2023-11-20 15:45:37  
Date of Next Testing: 2025-11-09 15:45:37  
Product Name: **tert-Butyl methyl ether**  
CAS Number: 1634-04-4  
Specifications & Purity: HPLC, ≥99.9%(GC)  
Lot #: K2316118  
SKU #: **B108115**  
Analysis: **297506**

Parameter	Limit Values	Result
UV Absorbance 300nm	0-0.01	0.01
UV Absorbance 250nm	0-0.1	0.09
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
UV Absorbance 210nm	0-1	0.43
Water by Karl Fischer	0-0.05 (%)	0.03 %
UV Absorbance 225nm	0-0.5	0.30
Purity(GC)	99.9-100 (%)	99.92 %
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