

Certificate of Analysis

Date of Testing: 2024-11-25 09:47:58
Date of Next Testing: 2026-11-15 09:47:58
Product Name: **tert-Butyl methyl ether**
CAS Number: 1634-04-4
Specifications & Purity: Chromatographic grade, $\geq 99.9\%$ (GC)
Lot #: L2410217
SKU #: **B108115**
Version: **1**
Analysis #: **438210**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	99.9-100 (%)	99.90 %
Acidity(as H ⁺)	0-0.0005 (meq/g)	0.00000 meq/g
UV Absorbance 300nm	0-0.01	0.00
UV Absorbance 250nm	0-0.1	0.04
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	0.19
Water by Karl Fischer	0-0.05 (%)	0.01 %
UV Absorbance 225nm	0-0.5	0.16
Alkalinity	0-0.0002 (mg/g)	0.00 mg/g
Appearance (B108115)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



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