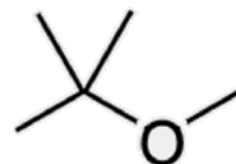


Methyl Tertiary Butyl Ether (MTBE)

tert-butyl methyl ether, 2-methoxy-2-methyl-, methyl-1,1-dimethylethylether.

CAS Number: **1634-04-4**

Formula: C₅H₁₂O



DESCRIPTION:

Methyl t-Butyl Ether (MTBE) is a clear, colorless organic liquid compound.

APPLICATION:

MTBE is widely used in global markets as a gasoline oxygenate. High Purity MTBE is used as a solvent in the pharmaceutical industry and as a lab solvent. MTBE is also used as a chemical intermediate to produce high purity isobutylene.

Test	Method	Specification
Appearance	Visual inspection	Clear colorless liquid.
Identification by GC	DOR560	The retention time of the MTBE peak in the chromatogram of the sample corresponds to the peak of MTBE marker chromatogram.
M.T.B.E. (Methyl tertiary-butyl ether), purity by GC (% w/w)	DOR560	99.9% min.
Density at 20C, gram/cc	ASTM D4052	0.739-0.742
Methanol (% w/w)	DOR560	0.01% max.
Other impurities (% area): Propan-2-ol n-Octanol t-Butanol Other impurities	DOR560	0.05% max. 0.05% max. 0.025% max. 0.05% max.
Refractive index	ASTM D1218	1.368-1.370
Colour, Pt-Co scale (APHA)	APHA	10 max.
Water (% w/w)	KF	00.01% max.
Peroxides (as H ₂ O ₂)	DOR103	2 ppm max.
Free acid (as acetic acid)	DOR101	0.003% max.
Residue on evaporation (% w/w)	DOR100	0.001% max.

ТОВ «Ворлдкем» / LLC Worldchem

Місцезнаходження: 04128, м. Київ, вул. Академіка Туполева 19, оф.43 Код

ЄДРПОУ 43482382

ПІН 434823826578

IBAN UA92 334851 00000000 26007111468 в АТ «ПУМБ»

м. Київ, МФО 334851

Тел.: +38 (044) 499 90 77

Kyivstar: +38 (067) 329 05 15