

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Tert-Butyl Methyl Ether 99.5 % AR

Catalog Number : B-3070

Batch Number : 3070-00000000

CAS Number : 1634-04-4

Molecular Weight : 88.15 g/mol

Mol. Formula : C₅H₁₂O

Expire Date : 60 Months

SAMPLE

No	Test	Specifications	Results
1	Appearance	A clear colorless liquid	A clear colorless liquid
2	Assay (by GC)	min 99.5 %	99.78%
3	Wt.per ml at 20 °C	0.739 - 0.740 g/cm ³	0.739 g/cm ³
4	Identity (IR)	passes test	passes
5	Colour	max 10 Hazen	8 Hazen
6	Non-volatile matter	max 0.001 %	0.00019%
7	Methanol (GC, area %)	max 0.01 %	0.0022%
8	2-Methyl-2-propanol (GC)	max 0.05 %	0.014%
9	Acidity	max 0.0005 meq/g	0.0002 meq/g
10	Alkalinity	max 0.0002 meq/g	Nil
11	Peroxide (as H ₂ O ₂)	max 0.0001 %	0.000032%
12	Water (H ₂ O)	max 0.03 %	0.01%

Corresponds to AR / ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specificationSUDIRO S.Si.
Manager QC