

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : tert-BUTYL METHYL ETHER AR 99.5%**

**CAS No : 1634-04-4**  
**Mol. Formula : C<sub>5</sub>H<sub>12</sub>O**  
**Mol. WT : 88.15**  
**Date of analysis : 21/10/24**

**Product code : 22394**  
**Batch No. : MCAR-00740**  
**Mfd. : Oct. 2024**  
**Exp. : Sept. 2029**

S.R	Test	Specification	Observation
1	<b>Description</b>	A clear, colourless liquid, with characteristic odor, APHA not greater than 10 HU	A clear, colourless liquid, with characteristic odor, APHA less than 10 HU
2	<b>Assay(GC)</b>	99.5% min	99.98%
3	<b>W. per ml at 20°C</b>	0.739 – 0.740 g	0.740 g
3	<b>Acidity (as CH<sub>3</sub>COOH)</b>	0.001% max	< 0.001%
4	<b>Alkalinity (as NaOH)</b>	0.0005% max	< 0.0005%
5	<b>Peroxide (H<sub>2</sub>O<sub>2</sub>)</b>	0.0005% max	< 0.0005%
6	<b>Water</b>	0.03% max	0.02%
7	<b>Non volatile matter</b>	0.001% max	0.0009%
8	<b>Tert. Butanol (by GC)</b>	0.1% max	< 0.1%
9	<b>Iron (Fe)</b>	0.00001% max	< 0.00001%
10	<b>Methanol (by GC)</b>	0.02% max	< 0.02%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST  
(Deepa)**

**[QC Incharge]**



**HEAD-QUALITY ASSURANCE  
(G.G.Salian)**

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