



# Qualikems Lifesciences Pvt. Ltd.

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## CERTIFICATE OF ANALYSIS

|                          |                                    |                         |                 |
|--------------------------|------------------------------------|-------------------------|-----------------|
| <b>Name of Product</b>   | : Tert-Butyl Methyl Ether          | <b>CAS No.</b>          | : 1634-04-4     |
| <b>Molecular Formula</b> | : C <sub>5</sub> H <sub>12</sub> O | <b>Molecular Weight</b> | : 88.15 g/mole  |
| <b>Batch No.</b>         | : QF2511079                        | <b>Grade</b>            | : LR            |
| <b>Mfg. Date</b>         | : November-2025                    | <b>Retest. Date</b>     | : October -2030 |

| Sr. No. | Tests                                         | Specification           | Observation |
|---------|-----------------------------------------------|-------------------------|-------------|
| 1       | Appearance                                    | Clear colourless liquid | Complies    |
| 2       | Refractive index n <sub>20</sub> <sup>D</sup> | 1.3756                  | Complies    |
| 3       | Assay(GC)                                     | < 99%                   | 99.62 %     |
| 4       | Identity IR Spectrum                          | To passes test          | passes test |
| 5       | Free acid(as CH <sub>3</sub> COOH)            | < 0.001%                | 0.0004 %    |
| 6       | d 20 <sup>o</sup> /4 <sup>o</sup>             | 0.740-0.742             | 0.741       |
| 7       | Peroxides(as H <sub>2</sub> O <sub>2</sub> )  | < 0.005%                | 0.003 %     |
| 8       | Residue on evaporation                        | < 0.005%                | 0.002 %     |
| 9       | Water                                         | < 0.05%                 | 0.03 %      |

**Conclusion:** Product complies as per above specification.

**Note:** This document has been produced electronically and it is valid without signature.

Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance.

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