

## **Certificate of Analysis**

## 2-Methyl Tetrahydrofuran (Stabilized with BHT)

## **PurCert Standard for GC**

| Product Number    | PSR36904     | CAS No.      | 96-47-9     |
|-------------------|--------------|--------------|-------------|
| Brand             | PureSynth    | Lot No.      | JYUOK08P    |
| Molecular Formula | $C_5H_{10}O$ | Date of Mfg. | August.2022 |
| Molecular Weight  | 86.13 g/mol  | Date of Exp. | July.2025   |

| Test                                 | Specification              | Result           |
|--------------------------------------|----------------------------|------------------|
| Description                          | Colorless liquid           | Colorless liquid |
| Assay (By GC)                        | ≥ 98.0 %                   | 99.9636 %        |
| Water (By KF)                        | NMT 0.1 %                  | 0.0984 %         |
| Identification by <sup>1</sup> H NMR | Conforms to structure      | Conforms         |
| Identification by GC-MS              | Conforms to molecular mass | Conforms         |
| Identification by IR                 | Conforms to structure      | Conforms         |

<sup>\*</sup>Traceable to Internal Reference Standard.

**Storage Condition:** Store at room temperature and keep the container tightly closed.

**Remark:** The batch complies with the prescribed quality of the above specification.