

# Certificate of Analysis

## Methyl formate PurTech Standard for GC

|                          |  |                     |           |
|--------------------------|--|---------------------|-----------|
| <b>Product Number</b>    | PSI247   | <b>CAS No.</b>      | 107-31-3  |
| <b>Brand</b>             | PureSynth                                      | <b>Lot No.</b>      | LKXZI02SR |
| <b>Molecular Formula</b> | C <sub>2</sub> H <sub>4</sub> O <sub>2</sub> S | <b>Date of Mfg.</b> | Feb.2023  |
| <b>Molecular Weight</b>  | 60.05 g/mol                                    | <b>Date of Exp.</b> | Jan.2027  |

| Test                                 | Specification              | Result           |
|--------------------------------------|----------------------------|------------------|
| Description                          | Colorless liquid           | Colorless liquid |
| Assay (GC-FID)                       | ≥ 98.5 %                   | 98.89 %          |
| Water (By KF)                        | NMT 0.1000 %               | 0.0594 %         |
| 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         |

**\*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.

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*This is a computer-generated report -does not required sign*

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