

# Certificate of Analysis

## Trimethyl orthoacetate

### PurCert Standard for GC

|                   |   |              |           |
|-------------------|---|--------------|-----------|
| Product Number    | PSR40130                                      | CAS No.      | 1445-45-0 |
| Brand             | PureSynth                                     | Lot No.      | HYGU06T   |
| Molecular Formula | C <sub>5</sub> H <sub>12</sub> O <sub>3</sub> | Date of Mfg. | June.2022 |
| Molecular Weight  | 120.15 g/mol                                  | Date of Exp. | May.2025  |

| Test                                 | Specification              | Result           |
|--------------------------------------|----------------------------|------------------|
| Description                          | Colorless liquid           | Colorless liquid |
| Clarity                              | Clear                      | Clear            |
| Assay (GC-FID)                       | ≥ 97.8 %                   | 97.94 %          |
| Water (By KF)                        | NMT 0.07 %                 | 0.0693 %         |
| 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 container tightly closed.

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

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

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