

# Certificate of Analysis

## Pentadecane

### PurCert Standard for GC

|                          |                                 |                     |            |
|--------------------------|---------------------------------|---------------------|------------|
| <b>Product Number</b>    | PSR28368                        | <b>CAS No.</b>      | 629-62-9   |
| <b>Brand</b>             | PureSynth                       | <b>Lot No.</b>      | ES05S      |
| <b>Molecular Formula</b> | C <sub>15</sub> H <sub>32</sub> | <b>Date of Mfg.</b> | May,2021   |
| <b>Molecular Weight</b>  | 212.41 g/mol                    | <b>Date of Exp.</b> | April,2025 |

| Test                                 | Specification        | Result           |
|--------------------------------------|----------------------|------------------|
| Description                          | Colorless liquid     | Colorless liquid |
| Clarity                              | Clear                | Clear            |
| Assay (GC-FID)                       | ≥99.5%               | 99.80%           |
| Water (by KF)                        | ≤0.03%               | 0.023%           |
| Identification by <sup>1</sup> H NMR | Conform to structure | Conforms         |
| Identification by GC-MS              | Conform to molecular | Conforms         |
| Identification by IR                 | Conform to structure | Conforms         |

**\*Traceable to Internal Reference standard.**

**Storage Condition:** Store at ambient temperature and keep container tightly closed in a dry and well-Ventilated place.

**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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