

## Certificate of Analysis

**Acetonitrile**  
**Anhydrous, ≥99.9%**

|                          |                                 |                     |             |
|--------------------------|---------------------------------|---------------------|-------------|
| <b>Product Number</b>    | PSR39617                        | <b>CAS No.</b>      | 75-05-8     |
| <b>Brand</b>             | PureSynth                       | <b>Lot No.</b>      | A39617H0424 |
| <b>Molecular Formula</b> | C <sub>2</sub> H <sub>3</sub> N | <b>Date of Mfg.</b> | April, 2024 |
| <b>Molecular Weight</b>  | 41.05 g/mol                     | <b>Date of Exp.</b> | March, 2027 |

| <b>Test</b>         | <b>Specification</b>  | <b>Result</b>    |
|---------------------|-----------------------|------------------|
| Appearance          | Colorless Liquid      | Colorless Liquid |
| Assay (By GC)       | ≥ 99.9 %              | 99.92 %          |
| Water (By KF)       | NMT 0.3 %             | < 0.3 %          |
| Non-volatile matter | NMT 0.005 %           | < 0.005 %        |
| IR Spectrum         | Conforms to structure | Conforms         |

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

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

Approved By  
Head - Technical

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

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