

Certificate of Analysis

Dimethyl acetamide

PurSolv for HPLC, GC and spectrophotometry, ≥99.5%

| | | | |
|--------------------------|----------------------------------|---------------------|-------------|
| Product Number | PSR47152 | CAS No. | 127-19-5 |
| Brand | PureSynth | Lot No. | D47152H0525 |
| Molecular Formula | C ₄ H ₉ NO | Date of Mfg. | May,2025 |
| Molecular Weight | 87.12 g/mol | Date of Exp. | April,2028 |

| Test | Specification | Result |
|--------------------------------------|----------------------|------------------|
| Appearance | Colorless Liquid | Colorless Liquid |
| Assay (By GC) | ≥ 99.5 % | 99.99 % |
| Water (By KF) | NMT 0.03 % | 0.007 % |
| UV Cutoff | NMT 268 nm | 267 nm |
| GC Impurities Eluting Before Solvent | 0.5 mg/L | < 0.5 mg/L |
| UV Absorbance | | |
| At 275 nm | NMT 0.300 AU | 0.2519 AU |
| At 300 nm | NMT 0.080 AU | 0.0578 AU |
| At 350 nm | NMT 0.005 AU | 0.0023 AU |
| At 400 nm | NMT 0.005 AU | < 0.0001 AU |

Remark:

This is to certify that the mentioned batch has analyzed at the time of quality release and has been found to be compliance with prescribed specification.

Store at room temperature and keep the container tightly closed.

Head - Technical

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