

# Certificate of Analysis

## Dimethyl acetamide

**PurSolv** for HPLC, GC and spectrophotometry, ≥99.5%

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

*This is electronically-generated copy & is valid without signature*