

# Certificate of Analysis

## Propionaldehyde

### PurTech Standard for GC

<b>Product Number</b>	PSI253	<b>CAS No.</b>	123-38-6
<b>Brand</b>	PureSynth	<b>Lot No.</b>	CTYE02P
<b>Molecular Formula</b>	C <sub>3</sub> H <sub>6</sub> O	<b>Date of Mfg.</b>	Feb.2023
<b>Molecular Weight</b>	58.08 g/mol	<b>Date of Exp.</b>	Jan.2027

Test	Specification	Result
Description	Colorless liquid	Colorless liquid
Assay (GC-FID)	≥ 98.0 %	98.63 %
Water (By KF)	NMT 0.3000 %	0.2202 %
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 the container tightly closed.

**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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