

# Certificate of Analysis

## Valeric acid

### PurCert Standard for GC

<b>Product Number</b>	PSR38649	<b>CAS No.</b>	109-52-4
<b>Brand</b>	PureSynth	<b>Lot No.</b>	DTRK05T
<b>Molecular Formula</b>	C <sub>5</sub> H <sub>10</sub> O <sub>2</sub>	<b>Date of Mfg.</b>	May.2022
<b>Molecular Weight</b>	102.13 g/mol	<b>Date of Exp.</b>	April.2025

Test	Specification	Result
Description	Colorless to light yellow liquid	Colorless liquid
Clarity	Clear	Clear
Assay (By GC)	≥ 99.0 %	99.03 %
Water (By KF)	NMT 0.2 %	0.1410 %
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 container tightly closed.

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

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

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