

# Certificate of Analysis

## Cyclohexane

### PurTech Standard for GC

<b>Product Number</b>	PSI025	<b>CAS No.</b>	110-82-7
<b>Brand</b>	PureSynth	<b>Lot No.</b>	SIWP12P
<b>Molecular Formula</b>	C <sub>7</sub> H <sub>14</sub> O	<b>Date of Mfg.</b>	Dec.2022
<b>Molecular Weight</b>	114.19 g/mol	<b>Date of Exp.</b>	Nov.2026

Test	Specification	Result
Description	Colorless liquid	Colorless liquid
Clarity	Clear	Clear
Assay (GC-FID)	≥ 99.5 %	99.98 %
Water (By KF)	NMT 0.02 %	0.0199 %
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 USP Reference standard 1601408, Lot No: R047N0**

**Storage Condition:** Store at room temperature and keep 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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