

# Certificate of Analysis

## n-heptane

### **PurCert Standard for GC**

(Secondary Reference Standard)

<b>Product Number</b>	PSR28312	<b>CAS No.</b>	142-82-5
<b>Brand</b>	PureSynth	<b>Lot No.</b>	EH05B
<b>Molecular Formula</b>	C <sub>7</sub> H <sub>16</sub>	<b>Date of Mfg.</b>	May,2021
<b>Molecular Weight</b>	100.20 g/mol	<b>Date of Exp.</b>	April,2025

Test	Specification	Result
Description	Colorless liquid	Colorless liquid
Clarity	Clear	Clear
Assay (GC-FID)	≥99.0%	99.22%
Water (by KF)	≤0.1%	0.0831%
Identification by <sup>1</sup> H NMR	Conform to structure	Conforms
Identification by GC-MS	Conform to molecular	Conforms
Identification by IR	Conform to structure	Conforms

**\*Traceable to USP Reference standard, Current lot no: R052R0.**

**Storage Condition:** Store at ambient temperature and keep container tightly closed in a dry and well-Ventilated place.

**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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