

Certificate of Analysis

n-Hexane

PurCert Standard for GC

(Secondary Reference Standard)

Product Number	PSR28270	CAS No.	110-54-3
Brand	PureSynth	Lot No.	H28270S1224
Molecular Formula	C ₆ H ₁₄	Date of Mfg.	December, 2024
Molecular Weight	86.18 g/mol	Date of Exp.	November, 2027

Test	Specification	Result
Description	Colorless liquid	Colorless liquid
Assay (GC-FID)	≥ 99.5 %	99.52 %
Water (By KF)	NMT 0.03 %	0.0295 %
Density	0.64-0.69 g/cm ³	0.66 g/cm ³
Identification by ¹ 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 1601601, Lot No: R084L0**

Storage Condition: Store at room temperature and keep the container tightly closed.

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

This is a computer-generated report - does not require sign

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