

Certificate of Analysis

n-Hexane

PurCert Standard for GC

(Secondary Reference Standard)

Product Number	PSR28270	CAS No.	110-54-3
Brand	PureSynth	Lot No.	T2NED01H
Molecular Formula	C ₆ H ₁₄	Date of Mfg.	Jan.2022
Molecular Weight	86.18 g/mol	Date of Exp.	Dec.2025

Test	Specification	Result
Description	Colorless liquid	Colorless liquid
Clarity	Clear	Clear
Assay (GC-FID)	≥ 99.5 %	99.61 %
Water (by KF)	≤ 0.03 %	0.0235 %
Refractive index (n 20/D)	1.3745 - 1.3755	1.3750
Non-volatile matter	Max. 0.001 %	< 0.001 %
Density (D 20/20)	0.659 - 0.663	0.661
Identification by ¹ 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 1601601, Lot No: R084L0**

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.

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

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