

Certificate of Analysis

n-Heptane

PurSolv for GC, Spectrophotometry and residue analysis, ≥99.0%

Product Number	PSR47377	CAS No.	142-82-5
Brand	PureSynth	Lot No.	H47377H0625
Molecular Formula	C ₇ H ₁₆	Date of Mfg.	June,2025
Molecular Weight	100.2 g/mol	Date of Exp.	May,2028

Test	Specification	Result
Appearance	Colorless Liquid	Colorless Liquid
Assay (By GC)	≥ 99.0 %	99.97 %
Water (By KF)	NMT 0.01 %	0.002 %
UV Cutoff	NMT 200 nm	< 190 nm
Electron Capture GC	NMT 2 µg/L	< 2 µg/L
UV Absorbance		
at 225 nm	NMT 0.100 AU	0.0382 AU
at 250 nm	NMT 0.010 AU	0.0042 AU
at 300 nm	NMT 0.005 AU	0.0002 AU
at 400 nm	NMT 0.005 AU	< 0.0001 AU

Remark:

This is to certify that the mentioned batch has analyzed at the time of quality release and has been found to be compliance with prescribed specification.

Store at room temperature and keep the container tightly closed.

Head - Technical

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