

Certificate of Analysis

n-Heptane

PurSolv Hyper for HPLC & LC-MS, >99%

Product Number	PSR43078	CAS No.	142-82-5
Brand	PureSynth	Lot No.	H43078H0225
Molecular Formula	C ₇ H ₁₆	Date of Mfg.	February,2025
Molecular Weight	100.2 g/mol	Date of Exp.	January,2028

Test	Specification	Result
Appearance	Colorless Liquid	Colorless Liquid
Assay (By GC)	> 99.0 %	99.47 %
Water (By KF)	NMT 0.005 %	0.0013 %
Non-volatile matter	NMT 0.0003 %	< 0.0003 %
Acidity	NMT 0.0001 meq/g	< 0.0001 meq/g
Alkalinity	NMT 0.0002 meq/g	< 0.0002 meq/g
Transmittance @ 200 nm	NLT 20.0 %	> 20.0 %
Transmittance @ 210 nm	NLT 50.0 %	> 50.0 %
Transmittance @ 220 nm	NLT 80.0 %	> 80.0 %
Fluorescence @ 254 nm	NMT 1.0 ppb	< 1.0 ppb
Fluorescence @ 365 nm	NMT 1.0 ppb	< 1.0 ppb

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

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

Approved By
Head - Technical

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