



**ChemPure* Brand
Chemicals**

...Pure Quality

Certificate of Analysis

HEPTANES, Reagent Grade

for Organic Synthesis, prep-LC, and General Laboratory Use, ACS standard-grade

CAT.No: CP-E8342
CAS No: 142-82-5
Lot No: 23070040
Mfg. Date: Jul 17, 2023
Retest Date: Jul 08, 2028
Storage: RT

Molecular Formula: $\text{CH}_3(\text{CH}_2)_5\text{CH}_3$
Formula Weight: 100.20
MDL: MFCD00009544
EC No: 205-563-8
Density: 0.683@25C

TEST	Limits	Actual
n-Heptane	> 25.0%	99.42%
Assay GC (Total C7 Isomers)	> 99.0%	99.99%
Color (ALPA)	10 max	5
Water (H ₂ O) KF	0.03% max	0.004%
Identification by IR	Conforms to spectra	Pass
Sulfur Compounds	50 ppm max	<10ppm
Thiophene	Passes	Passes
Residue after evaporation	< 0.001%	0.0001%
Appearance	Clear, Colorless Liquid	Pass

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