



**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, CP-C8342
CAS No: 142-82-5
Lot No: 20020136CP
Mfg. Date: February 14, 2020
Retest Date: February 13, 2025
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

n-Heptane (GC-FID)	> 99.0%	99.32%
Assay GC (Total C7 Isomers)	> 99.9%	99.96%
Color (ALPA)	10 max	< 5
Water (H ₂ O) KF	0.03% max	< 0.003%
Boiling Point	92.0-100.0°C	Pass
Sulfur Compounds as Sulfur	< 0.005%	< 0.001%
Thiophene	Passes Test	Passes
Residue after evaporation	< 0.001%	< 0.001%
Appearance	Clear, Colorless Liquid	Pass

Amanda Fenstermacher
Quality Assurance Clerk 02/14/2020

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