



**ChemPure* Brand
Chemicals**

...Pure Quality

Certificate of Analysis

n-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: C18K28
Retest Date: December 19, 2023
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	> 25.0%	42.56%
Assay GC (Total C7 Isomers)	> 99.0%	100.0%
Color (ALPA)	10 max	<10
Water (H ₂ O) KF	0.01% max	<0.01%
Boiling Point	92.0-100.0°C	Pass
Specific Gravity @ 15.6C	0.690-0.720	0.695
Identification by IR	Conforms to spectra <	Pass
Bromine Index (mg Br/100g)	25 mg	2 mg
Residue after evaporation	< 0.001%	0.0 %
Appearance	Clear, Colorless Liquid	Pass
Date of Manufacture:	12/19/2018	

Vyto Mekesa
QC Director

05/09/2019

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