



**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: C20A14CP  
Mfg. Date: Jan 27, 2020  
Retest Date: Jan 26, 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	> 25.0%	44.46%
Assay GC (Total C7 Isomers)	> 99.0%	100.0%
Color (ALPA)	10 max	1
Water (H <sub>2</sub> 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%	0.000%
Appearance	Clear, Colorless Liquid	Pass

Vyto Mekesa  
QC Director

01/28/2020

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