



**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-C8342  
CAS No: 142-82-5  
Lot No: 18F25DU575  
Retest Date: JUNE 24, 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

Assay by GC (n-Heptane)	> 99.0%	99.59%
Assay GC (Total C7 Isomers)	> 99.9%	99.99%
Color (ALPA)	10 max	<10
Water (H <sub>2</sub> O) KF	0.01% max	<0.01%
Boiling Point	98.8°C	Pass
Specific Gravity @ 15.6C	0.690-0.720	0.694
Identification by IR	Conforms to spectra	Pass
Bromine Index (mg Br/100g)	0.001 max	0.0002%
Residue after evaporation	Clear, Colorless Liquid	<1 ppm
Appearance		Pass
Date of Manufacture: 06/25/2018		

Vyto Mekesa  
QC Director

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