



**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: T21020471CP  
Mfg. Date: April 19, 2021  
Retest Date: April 08, 2024  
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-FID) (as n-Heptane)	> 99.0% Min	99.32%
Assay GC (Total C7 Isomers)	99.9% Min	99.92%
Color (ALPA)	10 Max	< 5
Water (H <sub>2</sub> O) KF	0.03% Max	0.001%
Sulfur Compounds (as Sulfur)	0.005% Max	< 0.001 %
Thiophene	To Pass Test	Pass
Residue after evaporation	0.001% Max	0.0002%
Appearance	Clear, Colorless Liquid	Pass
Water Soluble Titrable Acid	0.0003 meq/g Max	0.00006 meq/g

04/19/2021

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