



**ChemPure* Brand
Chemicals**

...Pure Quality

Certificate of Analysis

HEPTANES, Reagent Grade

CAT.No: CP-C8342
CAS No: 142-82-5
Lot No: C18H02
Retest Date: August 16, 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	min 25%	41.62%
Assay (Total Isomers)	> 99.0%	99.99%
Color (ALPA)	10 max	1
Water (H ₂ O)	max 0.01%	<0.01%
Boiling Range	92.3-100C	Pass
Specific Gravity @ 15.6C	0.690-0.720	0.694
Identification by IR	Conforms to spectra	Pass
Bromine Index (mg Br/100g)	25 mg Max	<25 mg
Residue after evaporation	1 ppm	<1 ppm
Appearance	Clear, Colorless Liquid	Pass
Date of Manufacture: 08/17/2018		

Vyto Mekesa
QC Director

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