

Certificate of Analysis

Product : Heptane

ACS Reagent Grade

CAS # 142-82-5

CHEMICAL FORMULA : CH₃(CH₂)₅CH₃

Product Code : CP-C8342

Lot: 202508C20

Density: 0.68 g/mL

F.W. 100.21 g/mol

Characteristic	Requirement		Results	Units
	Min.	Max.		
Appearance	Clear, colorless		Pass	n/a
Appearance	Liquid, free of suspended matter		Pass	n/a
Assay (by GC-FID)				
(as n-Heptane)	99.0		99.368	%
(as Heptane isomers and methylcyclohexane)	99.0		99.993	%
Color		10	5	APHA
Residue after Evaporation		0.001	<0.0001	%
Sulfur compounds (as Sulfur)		0.005	<0.005	%
Thiophane		Passes	Passes	
Water (by KF coulometry)		0.15	0.005	%
Water soluble titratable acid		0.0003	<0.0003	meq/g
Benzene		1	<1	ppm
Toluene		1	<1	ppm
Density @15.5C		0.710	0.710	gm/mL
Manufactured date	Aug-20-2025			
Retest date	Aug-19-2029			

This is to certify that samples of the lot number above were tested and found to comply with the stated specifications. Some or all data have been provided by vendors/third parties. ChemPure Brand Chemicals expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular use or purpose. Persons using this information should make their own determination regarding its suitability for their particular use.

This is an electronically generated document and does not require signatures.