

Certificate of Analysis

Product : Heptane

Reagent Grade

CAS # 142-82-5

CHEMICAL FORMULA : CH₃(CH₂)₅CH₃

Product Code : CP-C8342

Lot: 24100270

Density: 0.68 g/mL

F.W. 100.21 g/mol

Characteristic	Requirement		Results	Units
Appearance	Clear, colorless		Pass	n/a
Appearance	Liquid, free of suspended matter		Pass	n/a
	Min.	Max.		
Assay (by GC-FID)				
(as n-Heptane)	99.0		99.43	%
(as Heptane isomers and methylcyclohexane)	99.0		99.96	%
Color		10	5	APHA
Residue after Evaporation		0.001	<0.00005	%
Sulfur compounds (as Sulfur)		0.005	<0.0001	%
Thiophane		Passes	Passes	
Water (by KF coulometry)		0.03	0.005	%
Water soluble titratable acid		0.0003	0.00004	meq/g
Manufactured date	Jan-14-2025			
Retest date	Jan-14-2028			

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