

Technical Datasheet

Article no.: 1968

n-Heptane for HPLC (min. 99.2 %)

C₇H₁₆

For laboratory use.

CAS-No: 142-82-5
Appearance/condition: Clear, colourless liquid
Melting point: -90.5 °C
Boiling point: 97.0 – 99.4 °C
Molar mass: 100.21 g/mol

Parameter	Value
Identity	complies
Refractive index (20 °C)	1.3836 – 1.3916
Water (KF)	max. 100 ppm
Residue on evaporation	max. 5 ppm
Acidic/alkaline reacting substances	max. 0.00015 meq/g
UV-Transmission at 200 nm	min. 20 %
UV-Transmission at 210 nm	min. 55 %
UV-Transmission at 220 nm	min. 80 %
UV-Transmission at 230 nm	min. 92 %
UV-Transmission at 240 nm	min. 96 %
UV-Transmission at 250 nm	min. 98 %
UV-Transmission at 260 nm	min. 99 %
Aromatic compounds	max. 5 ppm
Filtered through 0.2 µm	

Version No. 02/2025-08-19