

Technical Datasheet

Article no. 1968

n-Heptane for HPLC
min. 99.2 % C₇H₁₄

For laboratory use.

Parameter	Value
Appearance	clear, colourless liquid
Melting point	-90.5 °C
Boiling point	98 °C
Flash point	-4 °C
Density (20 °C)	0.681–0.687 g/ml
Molar mass	100.21 g/mol
Identity	complies
Refractive index (20 °C)	1.3836–1.3916
Water (KF)	max. 100 ppm
Residue on evaporation	max. 5 ppm
Acidity or alkalinity	max. 0.00015 meq/g
UV transmittance at 200 nm	max. 20.0 %
UV transmittance at 210 nm	max. 55.0 %
UV transmittance at 220 nm	max. 80.0 %
UV transmittance at 230 nm	max. 92.0 %
UV transmittance at 240 nm	max. 96.0 %
UV transmittance at 250 nm	max. 98.0 %
UV transmittance at 260 nm	max. 99.0 %
Aromatic compounds	max. 5 ppm
Filtered through 0.2 µm	