

Technical Datasheet

Article No. 1975

n-Hexane p. a., ACS, Ph. Eur.
min. 95.0 % C₆H₁₄

For laboratory use.

Parameter	Value
Appearance	colourless liquid
Melting point	-94 °C
Boiling point	68.0–69.2 °C
Density	0.655–0.665 g/ml
Mol.-Weight	86.18 g/mol
Refractive index (20 °C)	1.375–1.376
Residue on evaporation	max. 10 ppm
Aromatics	max. 10 ppm
Water-soluble, titrable acid	max. 0.0003 meq/g
Substances. reducing KMnO ₄	max. 20 ppm
Thiophene (C ₄ H ₄ S)	conform
Total sulfur (S)	max. 5 ppm
Assay (hexan isomer and methylcyclopentane)	min. 98.5 %
Aluminium (Al)	max. 0.5 ppm
Copper (Cu)	max. 0.01 ppm
Iron (Fe)	max. 0.1 ppm
Nickel (Ni)	max. 0.01 ppm
Lead (Pb)	max. 0.01 ppm
Zinc (Zn)	max. 0.01 ppm
Water (KF)	max. 100 ppm
Colour (APHA)	max. 10
Readily carbonizable substances	conform
Alcohol miscibility	conform

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Diethyl ether miscibility	conform
Chloroform miscibility	conform