

n-Heptane

Chemical formula: $\text{CH}_3(\text{CH}_2)_5\text{CH}_3$

Molar mass: 100,21 g/mol

CAS: 142-82-5

EINECS: 205-563-8

A.G. (22240)

Appearance	clear colourless liquid
Assay	min. 99,0 %
Water	max. 0,02 %
Residue after evaporation	max. 0,001 %
Free acids (as CH_3COOH)	max. 0,001 %
Boiling point	97 - 99 °C
Density (20 °C)	0,684 g/cm ³
Refractive index	1,388
Flash point	-4 °C

pure (22220)

Appearance	clear colourless liquid
Assay	min. 95,0 %
Residue after evaporation	max. 0,005 %

for UV (31280)

Appearance	clear colourless liquid
Assay	min. 99,0 %
Residue after evaporation	max. 0,0005 %
Water	max. 0,005 %
Transmittance at 210 nm	min. 50 %
Transmittance at 220 nm	min. 80 %
Transmittance at 230 nm	min. 92 %
Transmittance at 245 nm	min. 98 %

for HPLC (22250)

Appearance	clear colourless liquid
Assay (GC)	min. 99,0 %
Residue after evaporation	max. 0,0005 %
Water	max. 0,01 %
UV absorption at 200 nm	max. 1,000
UV absorption at 225 nm	max. 0,100
UV absorption at 250 nm	max. 0,010
UV absorption at 300 to 400 nm	max. 0,005
Infrared spectrometry	passes test
Refractive index	1,387
Density (20 °C)	0,684 g/cm ³

Classification of the substance in accordance with Regulation (EC) No 1272/2008



Hazard statements: 225, 304, 315, 336, 410

EUH statements:

Precautionary statements: 210, 273, 301+310, 331, 243

Signal word: Danger

ADR/RID: 3 /F1 /II

UN 1206