

n-Hexane

Chemical formula: $\text{CH}_3(\text{CH}_2)_4\text{CH}_3$

Molar mass: 86,18 g/mol

CAS: 110-54-3

EINECS: 203-777-6

A.G. (22280)

Appearance	clear colourless liquid
Assay	min. 99,0 %
Water	max. 0,01 %
Residue after evaporation	max. 0,001 %
Free acids (as CH_3COOH)	max. 0,002 %
Boiling point	68 - 70 °C
Density (20 °C)	0,659 g/cm ³
Refractive index	1,375
Flash point	-26 °C

pure (22260)

Appearance	clear colourless liquid
Assay	min. 95,0 %
Boiling point	67 - 69 °C
Density (20 °C)	0,659 g/cm ³
Refractive index	1,376

for UV (22290)

Appearance	clear colourless liquid
Assay	min. 95,0 %
Residue after evaporation	max. 0,0005 %
Water	max. 0,02 %
Free acids	max. 0,0002 meq/g
Density (20 °C)	0,659 g/cm ³
Refractive index	1,373 - 1,377
Infrared spectrometry	passes test
UV absorption at 195 nm	max. 1,00
UV absorption at 210 nm	max. 0,30
UV absorption at 220 nm	max. 0,10
UV absorption at 230 nm	max. 0,05
UV absorption at 240 nm	max. 0,02
UV absorption at 250 to 400 nm	max. 0,01

for HPLC (22270)

Appearance	clear colourless liquid
Assay	min. 95,0 %
Residue after evaporation	max. 0,0005 %
Water	max. 0,02 %
Free acids	max. 0,0002 meq/g
Density (20 °C)	0,659 g/cm ³
Refractive index	1,373 - 1,377
Infrared spectrometry	passes test
UV absorption at 200 nm	max. 1,00
UV absorption at 210 nm	max. 0,35
UV absorption at 220 nm	max. 0,10
UV absorption at 225 nm	max. 0,06
UV absorption at 245 nm	max. 0,01

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



Hazard statements: 225, 361f, 304, 373, 315, 336, 411

EUH statements:

Precautionary statements: 210, 243, 273, 280, 301+310, 331

Signal word: Danger

ADR/RID: 3 /F1 /II

UN 1208