

## n-Hexane

## Danger

H225 H361f H304 H373 H315 H336 H411  
P201 P210 P243 P281 P273 P301+P331 P302+P352  
P304+P340 P309+P310

## CAS 110-54-3

Index 601-037-00-0

EINECS: 203-777-6

UN: 1208

ADR 3,II

Flash Pt: -22 °C

Not to be used as power or heating fuel.

 $H_2C(CH_2)_4CH_3$ 

M.W. 86.18 g/mol

Density: 0.659 g/cm<sup>3</sup> (20 °C)

Boiling Pt: 69 °C (1013 hPa)

Melting Pt: -94.3 °C

Storage Temperature: Ambient temperature



## n-Hexane SPECTRONORM® for spectroscopy

Filtered 0.2 µm filter, packaged under nitrogen

Assay	Min. 98.5 %
Acidity	Max. 0.0005 meq/g
Alkalinity	Max. 0.0002 meq/g
Colour number (Hazen)	Max. 10
Evaporation residue	Max. 5 ppm
Water	Max. 0.005 %
Fluorescence (as quinine) (365 nm)	Max. 0.001 ppm
Transmittance (195 nm)	Min. 10 %
Transmittance (210 nm)	Min. 50 %
Transmittance (217 nm)	Min. 80 %
Transmittance (225 nm)	Min. 90 %
Transmittance (245 nm)	Min. 98 %

Cat. No.	Pk	Pack type
140096E	2,5 l	Glass bottle

## n-Hexane PESTINORM® for capillary GC analysis



## n-Hexane HiPerSolv CHROMANORM® for HPLC

Filtered 0.2 µm filter, packaged under nitrogen

Assay (GC)	Min. 97 %
Water	Max. 0.005 %
Non-volatile residue	Max. 0.0005 %
Acidity	Max. 0.0003 meq/g
Alkalinity	Max. 0.0002 meq/g
Transmittance (210 nm)	Min. 50 %
Transmittance (220 nm)	Min. 80 %
Transmittance (245 nm)	Min. 98 %
Conforms to BDH 15249	Passes test

Cat. No.	Pk	Pack type
24575.290	1 l	Glass bottle
24575.320	2,5 l	Glass bottle
24575.400	4 l	Glass bottle

## n-Hexane HiPerSolv CHROMANORM® for HPLC

Filtered 0.2 µm filter, packaged under nitrogen

Assay (on anhydrous substance)	Min. 95 %
Acidity or alkalinity	Max. 0.0002 meq/g
Evaporation residue	Max. 5 ppm
Water	Max. 0.01 %
Transmittance (200 nm)	Min. 50 %
Transmittance (210 nm)	Min. 70 %
Transmittance (220 nm)	Min. 90 %
Transmittance (230 nm)	Min. 98 %
Transmittance (240 nm)	Min. 99 %

Cat. No.	Pk	Pack type
83991.320	2,5 l	Glass bottle

## NEW n-Hexane HiPerSolv CHROMANORM® for preparative HPLC

Filtered 0.2 µm filter, packaged under nitrogen

For preparative HPLC

Assay (calculated on anhydrous)	Min. 97.0 %
Acidity	Max. 0.0003 meq/g
Alkalinity	Max. 0.0002 meq/g
Evaporation residue	Max. 0.0005 %
Water	Max. 0.005 %

Cat. No.	Pk	Pack type
84530.460	25 l	Metal drum
84530.550	200 l	Metal drum

Filtered 0.2 µm filter, packaged under nitrogen

Assay (on anhydrous substance)	Min. 99 %
Acidity	Max. 0.0005 meq/g
Evaporation residue (100°C)	Max. 0.0005 %
Water	Max. 0.01 %
Organic residue (as Octanol) (GC/FID)	Max. 10 ng/ml
Halogenated residue (as Lindane)(GC/ECD)	Max. 5 ng/l

Cat. No.	Pk	Pack type
83962.320	2,5 l	Glass bottle

## n-Hexane PESTINORM® for pesticide residue analysis

Filtered 0.2 µm filter, packaged under nitrogen

Assay (on anhydrous substance)	Min. 95 %
Evaporation residue	Max. 5 ppm
Water	Max. 0.02 %
Pesticide analysis (Ethylparathion/PND)	Max. 10 ng/l
Pesticide analysis (Lindane/ECD)	Max. 5 ng/l

Cat. No.	Pk	Pack type
83661.290	1 l	Glass bottle
83661.320	2,5 l	Glass bottle