

Cyclohexane

Hexamethylene

Danger

H225 H304 H315 H336 H410
P210 P243 P280 P273 P301+P331 P302+P352
P304+P340 P309+P310



CAS 110-82-7

Index 601-017-00-1

EINECS: 203-806-2

UN: 1145

ADR 3,II

Flash Pt: -18 °C

Not to be used as power or heating fuel.

C₆H₁₂

M.W. 84.16 g/mol

Density: 0.7785 g/cm³ (20 °C)

Boiling Pt: 81 °C (1013 hPa)

Melting Pt: 7 °C

Storage Temperature: Ambient temperature

Cyclohexane HiPerSolv CHROMANORM® for HPLC

Filtered 0.2 µm filter, packaged under nitrogen

Assay (GC)	Min. 99.5 %
Water	Max. 0.01 %
Non-volatile residue	Max. 0.0005 %
Acidity	Max. 0.0005 meq/g
Alkalinity	Max. 0.0002 meq/g
Transmittance (230 nm)	Min. 75 %
Transmittance (240 nm)	Min. 80 %
Transmittance (250 nm)	Min. 98 %

Cat. No.	Pk	Pack type
83629.290	1 l	Glass bottle
83629.320	2,5 l	Glass bottle

Cyclohexane SPECTRONORM® for spectroscopy

Filtered 0.2 µm filter, packaged under nitrogen

Assay (on anhydrous substance)	Min. 99.7 %
Density (20/4)	0.778 to 0.779
Evaporation residue	Max. 10 ppm
Water	Max. 100 ppm
Transmittance (210 nm)	Min. 15 %
Transmittance (220 nm)	Min. 45 %
Transmittance (230 nm)	Min. 75 %
Transmittance (240 nm)	Min. 90 %
Transmittance (from 250 nm)	Min. 98 %

Cat. No.	Pk	Pack type
23225.296	1 l	Glass bottle

Cyclohexane PESTINORM® for pesticide residue analysis

Filtered 0.2 µm filter, packaged under nitrogen

Assay (on anhydrous substance)	Min. 99.5 %
Evaporation residue	Max. 5 ppm
Water	Max. 0.02 %
Pesticide analysis (Ethylparathion/PND)	Max. 10 ng/l
Pesticide analysis (Lindane/ECED)	Max. 5 ng/l

Cat. No.	Pk	Pack type
83658.290	1 l	Glass bottle
83658.320	2,5 l	Glass bottle

Cyclohexane AnalR NORMAPUR® ACS, Reag. Ph. Eur. analytical reagent

Assay (on anhydrous substance)	Min. 99.5 %	IR Spectrum	Passes test
Readily carbonisable substances	Passes test	Boiling point	79 to 81 °C
Colouration	Max. 10 APHA	Density (20/4)	0.778 to 0.779
Density (20/20)	0.779 to 0.780	Free acidity	Max. 0.0003 meq/g
Solidification point	5.5 to 6.5 °C	Substances discoloured by H ₂ SO ₄	Max. 60 APHA
Benzene	Max. 100 ppm	Cyclohexene	Max. 100 ppm
Evaporation residue	Max. 10 ppm	Water	Max. 100 ppm
Al (Aluminium)	Max. 0.1 ppm	Ba (Barium)	Max. 0.02 ppm
Ca (Calcium)	Max. 0.5 ppm	Cd (Cadmium)	Max. 0.05 ppm
Co (Cobalt)	Max. 0.02 ppm	Cr (Chromium)	Max. 0.02 ppm
Fe (Iron)	Max. 0.1 ppm	K (Potassium)	Max. 0.1 ppm
Mg (Magnesium)	Max. 0.05 ppm	Mn (Manganese)	Max. 0.02 ppm
Na (Sodium)	Max. 1 ppm	Ni (Nickel)	Max. 0.02 ppm
Pb (Lead)	Max. 0.05 ppm	Sn (Tin)	Max. 0.1 ppm
Sr (Strontium)	Max. 0.02 ppm	Zn (Zinc)	Max. 0.1 ppm
Conforms to BDH 10319	Passes test	Conforms to ACS	Passes test
Conforms to Reag. Ph.Eur.	Passes test		

Cat. No.	Pk	Pack type
23224.293	1 l	Glass bottle
23224.327	2,5 l	Glass bottle
23224.362	5 l	Aluminium bottle
23224.550	200 l	Metal drum

Cyclohexane GPR RECTAPUR®

Assay	Min. 99.0 %
IR Spectrum	Passes test
Substances discoloured by H ₂ SO ₄	Passes test
Density (20/4)	0.778 to 0.779
Distillation range	79 to 81 °C
Free acidity	Max. 0.0002 meq/g
Solidification point	5.5 to 6.5 °C
Evaporation residue	Max. 50 ppm
Conforms to BDH 27867	Passes test

Cat. No.	Pk	Pack type
23223.290	1 l	Glass bottle
23223.324	2,5 l	Glass bottle
23223.368	5 l	Metal can
23223.461	25 l	Metal drum
23223.552	200 l	Metal drum

trans-Cyclohexane-1,2-dinitrilotetraacetic acid monohydrate

See trans-1,2-Diaminocyclohexane-N,N,N',N'-tetraacetic acid monohydrate p.139

Cyclohexanone

Danger

H226 H332

P210 P243 P280 P304+P340 P313



CAS 108-94-1

Index 606-010-00-7

EINECS: 203-631-1

UN: 1915

ADR 3,III

Flash Pt: 43 °C

C₆H₁₀(=O)

M.W. 98.15 g/mol

Density: 0.9478 g/cm³ (20 °C)

Boiling Pt: 155.6 °C (1013 hPa)

Melting Pt: -31 °C

Storage Temperature: Ambient temperature

Cyclohexanone analytical reagent

Assay	Min. 99.0 %
Acidity	Max. 0.005 meq/g
Density (20/4)	0.946 to 0.948
Distillation range	154.5 to 156.5 °C
n _{20/D}	1.449 to 1.451
Viscosity (25°C)	1.92 to 2.20 mPa.s
Cyclohexanol	Max. 0.5 %
Water	Max. 0.2 %

Cat. No.	Pk	Pack type
23236.294	1 l	Glass bottle