CI0032 Cyclohexane, ExpertQ®, for analysis, ACS, ISO, Reag. Ph Eur

assay (G.C.)	min. 99,7 %
identity (IR-spectrum)	passes test
density (20º/4º)	0,776 - 0,780
density (20º/20º)	0,779 - 0,781
colour (Hazen)	max. 10
appearance	clear
boiling point	80 - 81 °C
melting point	min. 6,0 °C
acidity	max. 0,0003 meq/g
aluminium (Al)	max. 0,5 ppm
barium (Ba)	max. 0,1 ppm
boron (B)	max. 0,02 ppm
cadmium (Cd)	max. 0,05 ppm
calcium (Ca)	max. 0,5 ppm
chromium (Cr)	max. 0,02 ppm
cobalt (Co)	max. 0,02 ppm
copper (Cu)	max. 0,02 ppm
iron (Fe)	max. 0,1 ppm
lead (Pb)	max. 0,1 ppm
magnesium (Mg)	max. 0,1 ppm
manganese (Mn)	max. 0,02 ppm
nickel (Ni)	max. 0,02 ppm
tin (Sn)	max. 0,1 ppm
zinc (Zn)	max. 0,1 ppm
aromatic hydrocarbons (as C_6H_6)	max. 0,05 %
cyclohexene (G.C.)	max. 0,05 %
ethanol (G.C.)	max. 0,01 %
substances darkened by H_2SO_4	passes test
residue on evaporation	max. 0,0005 %
water (K.F.)	max. 0,01 %

ART. NO.	VOLUME	CONTAINER
CI00321000	1 l	
CI00322500	2,5 l	
CI0032005L	5 l	
CI0032025A	25 l	

CI0039 Cyclohexane, Multisolvent® HPLC grade ACS ISO UV-VIS

assay (G.C.)	min. 99,9 %
identity (IR-spectrum)	passes test
density (20º/4º)	0,776 - 0,780
appearance	clear
colour (Hazen)	max. 10
acidity	max. 0,0003 meq/g
melting point	min. 6,0 °C
aluminium (Al)	max. 0,1 ppm
barium (Ba)	max 0,01 ppm
boron (B)	max. 0,02 ppm
cadmium (Cd)	max 0,01 ppm
calcium (Ca)	max. 0,3 ppm
chromium (Cr)	max. 0,02 ppm
cobalt (Co)	max. 0,02 ppm
copper (Cu)	max. 0,02 ppm
iron (Fe)	max. 0,02 ppm
lead (Pb)	max. 0,1 ppm
magnesium (Mg)	max. 0,1 ppm
manganese (Mn)	max 0,01 ppm
nickel (Ni)	max. 0,02 ppm
tin (Sn)	max. 0,1 ppm
zinc (Zn)	max 0,01 ppm
aromatic hydrocarbons (as C_6H_6)	max. 0,001 %
cyclohexene (G.C.)	max. 0,05 %
ethanol (G.C.)	max. 0,01 %
substances darkened by H_2SO_4	passes test
residue on evaporation	max. 0,0002 %
water (K.F.)	max. 0,01 %
liquid chromatography suitability	
absorbance	passes test
min. transmission/max. absorbance in a 1,0 cm cell at	
wavelength	T(%) A (AU)
208 nm	20 % 0,699 AU
223 nm	50 % 0,301 AU
232 nm	80 % 0,097 AU
240 nm	90 % 0,046 AU
250 nm	98 % 0,009 AU
Microfiltered through membranes of pore diameter 0,22 µm	

ART. NO.	VOLUME	CONTAINER
CI00391000	1 l	
CI00392500	2,5 l	
CI00394000	4 l	

CI0035 Cyclohexane, for GC residue analysis

assay (G.C.)	min. 99,8 %
identity (IR-spectrum)	passes test
density (20º/4º)	0,776 - 0,780
residue on evaporation	max. 0,0001 %
water (K.F.)	max. 0,01 %

Suitable for organohalogenated pesticide and dioxins, furans and PCBs residue analysis. ECD, from 1,2,4-trichlorobenzene to decachlorobiphenyl, no peaks are obtained greater than 3 pg/ml as lindane. No peaks are obtained in vicinity of 2,4,5-trichlorobiphenyl.

ART. NO.	VOLUME	CONTAINER
CI00351000	1 l	
CI00352500	2,5 l	

CI0036 Cyclohexane, GC ultra-trace analysis grade

assay (G.C.)	min. 99,8 %
identity (IR-spectrum)	passes test
density (20º/4º)	0,776 - 0,780
residue on evaporation	max. 0,0001 %
water (K.F.)	max. 0,01 %

Suitable for organohalogenated pesticide and dioxins, furans and PCBs residue analysis. ECD, from 1,2,4-trichlorobenzene to decachlorobiphenyl, no peaks are obtained greater than 3 pg/ml as lindane. No peaks are obtained in vicinity of 2,4,5-trichlorobiphenyl. Suitable for highly volatile halogenated hydrocarbons trace analysis. ECD, from dichloromethane to 1,2,4-trichlorobenzene, no peaks are obtained greater than 1 ng/ml as tetrachloromethane.
Suitable for pesticide and polycyclic aromatic hydrocarbons residue analysis. FID, from 1-undecanol to 1-tetradecanol, no peaks are obtained greater than 5 ng/ml as 1-tetradecanol. No peaks are obtained in vicinity of pyrene.

ART. NO.	VOLUME	CONTAINER
CI00361000	1 l	
CI00362500	2,5 l	

CI0028 Cyclohexane, GC-MS

assay (G.C.)	min. 99,8 %
colour (Hazen)	max. 10
identity (IR-spectrum)	passes test
residue on evaporation	max. 3 ppm
water (K.F.)	max . 0,05%

GC/MSD (retention range n-undecane to n-tetracontane, scaning area 30 - 600 amu, individual signals (n-tetradecane standard)) max. 3,0 ng/ml (ppb)
Suitable for residue analysis

ART. NO.	VOLUME	CONTAINER
CI00281000	1 l	
CI00282500	2,5 l	

CI0038 Cyclohexane, standard substance for GC

assay	99,9%
over ramp	40ºC, 5ºC/min 120ºC, 30ºC/min 200 °C
identity	IR

ART. NO.	VOLUME	CONTAINER
CI00380005	5 ml	