

# Technical Datasheet

## Article No. 2483

Cyclohexane p. a., ACS, ISO  
min. 99.5 % C<sub>6</sub>H<sub>12</sub>

For laboratory use.

Parameter	Value
Appearance	colourless liquid
Melting point	6.5 °C
Boiling point	80.7 °C
Flash point	-18 °C
Density	0.78 g/ml
Mol.-Weight	84.16 g/mol
Non-volatile matter	max. 0.001 %
Water	max. 0.01 %
Free acid	max. 0.001 %
Aluminium (Al)	max. 0.00005 %
Boron(B)	max. 0.000002 %
Barium (Ba)	max. 0.00001 %
Calcium (Ca)	max. 0.00005 %
Cadmium (Cd)	max. 0.000005 %
Cobalt (Co)	max. 0.000002 %
Chromium (Cr)	max. 0.000002 %
Copper (Cu)	max. 0.000002 %
Iron (Fe)	max. 0.00001 %
Magnesium (Mg)	max. 0.00001 %
Manganese (Mn)	max. 0.000002 %
Nickel (Ni)	max. 0.000002 %
Lead (Pb)	max. 0.00001 %
Tin (Sn)	max. 0.00001 %

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Parameter	Value
Zinc (Zn)	max. 0.00001 %
Aromatics	max. 0.05 %
Cyclohexene (C <sub>6</sub> H <sub>10</sub> )	max. 0.05 %
Benzene (C <sub>6</sub> H <sub>6</sub> )	min. 0.05 %
Carbonyl compounds (as CO)	passes test
Readily carbonizable substances	passes test
Colour (APHA)	max. 10
Residue on evaporation	max. 0.002 %
Substances darkened by H <sub>2</sub> SO <sub>4</sub>	passes test