

Cyclohexane

Chemical formula: C₆H₁₂

Molar mass: 84,16 g/mol

CAS: 110-82-7

EINECS: 203-806-2

A.G. (11580)

Appearance	clear colourless liquid
Assay	min. 99,5 %
Water	max. 0,02 %
Residue after evaporation	max. 0,002 %
Free acids (as CH ₃ COOH)	max. 0,001 %
Total aromatics	max. 0,1 %
Melting point	6 - 7 °C
Boiling point	80 - 81 °C
Density (20 °C)	0,778 g/cm ³
Refractive index	1,426
Flash point	-18 °C

pure (11560)

Appearance	clear colourless liquid
Assay	min. 99,0 %
Melting point	4 - 7 °C
Boiling point	79 - 81 °C
Density (20 °C)	0,777 g/cm ³
Refractive index	1,426
Flash point	-18 °C

ACS (43450)

Appearance	clear colourless liquid
Assay	min. 99,0 %
Color scale (APHA)	max. 10
Residue after evaporation	max. 0,002 %
Water	max. 0,02 %
Substances darkened by H ₂ SO ₄	passes test
Density (20 °C)	0,778 g/cm ³
Refractive index	1,426

for HPLC (11570)

Assay	min. 99,8 %
Residue after evaporation	max. 0,0005 %
Water	max. 0,01 %
UV absorption at 210 nm	max. 1,00
UV absorption at 220 nm	max. 0,50
UV absorption at 230 nm	max. 0,20
UV absorption at 240 nm	max. 0,08
UV absorption at 250 nm	max. 0,03
UV absorption at 255 nm	max. 0,01
Appearance	clear colourless liquid

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



Hazard statements: 225, 304, 315, 336, 410

EUH statements:

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

Signal word: Danger

ADR/RID: 3 /F1 /II

UN 1145