

PRODUCT IDENTITY

PRODUCT NAME	Cyclohexane	PRODUCT NUMBER	C431461
Grades & Purity	Ph.Eur., Suitable for Analysis, ACS, Premium pure	VERSION	3
CAS NUMBER	110-82-7	FORMULA	C ₆ H ₁₂
FORMULA WEIGHT	84.16g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Purity(GC)	99.5-100 (%)
Infrared spectrum	Conforms to Structure
Appearance(C431461)	Colorless liquid
Color	0-10
Density (20°C)	0.779-0.781
Boiling point	80-81 (°C)
Acidity	0-0.0003 (meq/g)
Aromatics(as benzene)	0-0.05 (%)
Cyclohexene(C ₆ H ₁₀)	0-0.05 (%)
ethanol(GC)	0-0.01 (%)

PARAMETER	SPECIFICATION / LIMIT
Readily carbonizable substances	conforms
Aluminium(Al)	0-0.5 (ppm)
Boron(B)	0-0.02 (ppm)
Barium(Ba)	0-0.1 (ppm)
Calcium(Ca)	0-0.5 (ppm)
Cadmium(Cd)	0-0.05 (ppm)
Cobalt (Co)	0-0.02 (ppm)
Chromium(Cr)	0-0.02 (ppm)
Copper(Cu)	0-0.02 (ppm)
Iron(Fe)	0-0.1 (ppm)
Magnesium (Mg)	0-0.1 (ppm)
Manganese(Mn)	0-0.02 (ppm)
Nickel(Ni)	0-0.02 (ppm)
Lead(Pb)	0-0.1 (ppm)
Tin(Sn)	0-0.1 (ppm)
Zinc(Zn)	0-0.1 (ppm)
Evaporation Residue	0-0.001 (%)

PARAMETER	SPECIFICATION / LIMIT
Water by Karl Fischer	0-0.01 (%)