

Code No.03-0500

SPECIFICATION

Cyclohexane

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	Colorless clear liquid
Assay (C ₆ H ₁₂) (GC)	min.99.5%(area/area)
Freezing point	6.0~7.5°C
Density (20°C)	0.778~0.779g/mL
Refractive index 20°C	1.425~1.427
Water	max.0.01%(mass/mass)
Residue after evaporation	max.0.002%(mass/mass)
Cyclohexene (C ₆ H ₁₂) (GC)	max.0.05%(area/area)
Benzene (C ₆ H ₁₀) (GC)	max.0.05%(area/area)
Substances darkened by sulfuric acid	to pass test
Substances reducing permanganate (as O)	to pass test

JIS K 8464:2022(*:Additional test performed by Wako but not required by JIS)