

SPECIFICATION

Chloroform

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	Colorless clear liquid
Assay (CHCl ₃) (GC)	min.99.0%(area/area)
Density (20°C)	1.471~1.484g/mL
Water	max.0.05%(mass/mass)
Residue after evaporation	max.0.001%(mass/mass)
Acidity (as HCl)	max.0.001%(mass/mass)
Chloride (Cl)	max.1ppm(mass/mass)
Free chlorine (as Cl)	max.1ppm(mass/mass)
Carbonyl compounds (as CO)	max.0.005%(mass/mass)
Substances darkened by sulfuric acid	to pass test
Suitability for use with dithizone	to pass test
Ethanol (C ₂ H ₅ OH) (GC)	0.3~1.0%(mass/mass)

JIS K 8322:2020(*:Additional test performed by Wako but not required by JIS)