

SPECIFICATION

Chloroform

Infinity Pure

REQUIREMENT	SPECIFICATION
Appearance	Colorless clear liquid
Density (20°C)	1.471~1.485g/mL
Refractive index 20°C	1.444~1.446
Absorbance (254nm)	max.1.00
Water	max.0.02%
Residue after evaporation	max.5ppm
Acidity (as HCl)	max.1ppm
Chloride (Cl)	max.1ppm
Free chlorine	to pass test (Cl:max.about 1ppm)
Copper (Cu)	max.5ppb
Lead (Pb)	max.5ppb
Iron (Fe)	max.10ppb
Aldehydes (as CH ₃ CHO)	max.2ppm
Ketones	to pass test (as CH ₃ COCH ₃ :max.about 0.001%)
Carbon tetrachloride (CCl ₄)	max.0.01%
Substances darkened by sulfuric acid	to pass test
Fluorescence test	to pass test
Suitability for use with dithizone	to pass test
Assay (capillary GC) (except ethanol)	min.99.7%
Ethanol (stabilizer)	0.4~0.8%