

## 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 <sub>3</sub> CHO)	max.2ppm
Ketones	to pass test (as CH <sub>3</sub> COCH <sub>3</sub> :max.about 0.001%)
Carbon tetrachloride (CCl <sub>4</sub> )	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%