

SPECIFICATION

Carbon Tetrachloride

Infinity Pure

REQUIREMENT	SPECIFICATION
Appearance	Colorless clear liquid
Density (20°C)	1.591~1.595g/mL
Refractive index 20°C	1.459~1.461
Absorbance (265nm)	max.0.70
Water	max.0.01%
Residue after evaporation	max.3ppm
Acidity (as HCl)	max.2ppm
Chloride (Cl)	max.0.5ppm
Free chlorine (Cl)	max.0.5ppm
Copper (Cu)	max.5ppb
Zinc (Zn)	max.5ppb
Cadmium (Cd)	max.1ppb
Mercury (Hg)	max.5ppb
Lead (Pb)	max.1ppb
Iron (Fe)	max.10ppb
Carbon disulfide (CS ₂)	max.10ppm
Peroxides (as H ₂ O ₂)	max.10ppm
Substances darkened by sulfuric acid	to pass test
Substances reducing permanganate (as O)	max.3ppm
Iodine-consuming substances	to pass test (as HCHO:max.about 2ppm)
Fluorescence test	to pass test
Suitability for use with dithizone	to pass test
Assay (capillary GC)	min.99.5%