

## SPECIFICATION

## Ethanol (99.5)

## Infinity Pure

REQUIREMENT	SPECIFICATION
Appearance	Colorless clear liquid
Solubility in water	to pass test
Density (20°C)	0.789~0.791g/mL
Refractive index 20°C	1.360~1.363
Absorbance (255nm)	max.0.02
Water	max.0.3%
Residue after evaporation	max.2ppm
Acidity (as CH <sub>3</sub> COOH)	max.0.002%
Alkalinity (as NH <sub>3</sub> )	max.0.5ppm
Copper (Cu)	max.5 ppb
Lead (Pb)	max.5 ppb
Iron (Fe)	max.10 ppb
Acetone and aldehydes (as CH <sub>3</sub> COCH <sub>3</sub> )	max.5ppm
Methanol (CH <sub>3</sub> OH)	max.0.02%
Peroxides (as H <sub>2</sub> O <sub>2</sub> )	max.5ppm
Fluorescence test	to pass test
Substances darkened by sulfuric acid	to pass test
Substances reducing permanganate	to pass test(as O: max. about 3ppm)
Assay (capillary GC)	min.99.8%