

## SPECIFICATION

## Acetonitrile

## Infinity Pure

REQUIREMENT	SPECIFICATION
Appearance	Colorless clear liquid
Solubility in water	to pass test
Density (20°C)	0.781~0.783g/ml
Refractive index 20°C	1.343~1.346
Absorbance (200nm)	max.0.05
Water	max.0.05%
Residue after evaporation	max.2ppm
Acidity (as CH <sub>3</sub> COOH)	max.10ppm
Copper (Cu)	max.5ppb
Lead (Pb)	max.5ppb
Iron (Fe)	max.10ppb
Ammonium (NH <sub>4</sub> )	max.0.3ppm
Hydrogen cyanide	to pass test
Peroxide (as H <sub>2</sub> O <sub>2</sub> )	max.5ppm
Fluorescence test	to pass test
Substances reducing permanganate (as O)	max.10ppm
Assay (capillary GC)	min.99.8%