

## SPECIFICATION

## 1,4-Dioxane

## Infinity Pure

REQUIREMENT	SPECIFICATION
Appearance	Colorless clear liquid
Solubility in water	to pass test
Density (20°C)	1.030~1.035g/mL
Freezing point	10.5~12.0°C
Refractive index 20°C	1.421~1.424
Absorbance (220nm)	max.0.70
Water	max.0.1%
Residue after evaporation	max.10ppm
Acidity (as CH <sub>3</sub> COOH)	max.10ppm
Copper (Cu)	max.5ppb
Lead (Pb)	max.5ppb
Iron (Fe)	max.10ppb
Aldehydes (as CH <sub>3</sub> CHO)	max.5ppm
Peroxides (as H <sub>2</sub> O <sub>2</sub> )	max.0.01%
Fluorescence test	to pass test
Assay (capillary GC)	min.99.7%