

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 ₃ COOH) | max.10ppm |
| Copper (Cu) | max.5ppb |
| Lead (Pb) | max.5ppb |
| Iron (Fe) | max.10ppb |
| Aldehydes (as CH ₃ CHO) | max.5ppm |
| Peroxides (as H ₂ O ₂) | max.0.01% |
| Fluorescence test | to pass test |
| Assay (capillary GC) | min.99.7% |