

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 ₃ COOH) | max.0.002% |
| Alkalinity (as NH ₃) | max.0.5ppm |
| Copper (Cu) | max.5 ppb |
| Lead (Pb) | max.5 ppb |
| Iron (Fe) | max.10 ppb |
| Acetone and aldehydes (as CH ₃ COCH ₃) | max.5ppm |
| Methanol (CH ₃ OH) | max.0.02% |
| Peroxides (as H ₂ O ₂) | 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% |