

SPECIFICATION

2-Propanol
for Electronics Industry

| REQUIREMENT | SPECIFICATION |
|---|------------------------|
| Appearance | Colorless clear liquid |
| Solubility in water | to pass test |
| Density (20°C) | 0.784~0.786g/mL |
| Refractive index 20°C | 1.376~1.378 |
| Water | max.0.02% |
| Residue after evaporation | max.1ppm |
| Acidity (as C ₂ H ₅ COOH) | max.5ppm |
| Alkalinity (as NaOH) | max.5ppm |
| Substances darkened by sulfuric acid | to pass test |
| Assay (capillary GC) | min.99.9% |
| Chloride (Cl) | max.50ppb |
| Silver (Ag) | max.1ppb |
| Aluminium (Al) | max.3ppb |
| Arsenic (As) | max.2ppb |
| Barium (Ba) | max.1ppb |
| Calcium (Ca) | max.1ppb |
| Cadmium (Cd) | max.1ppb |
| Cobalt (Co) | max.1ppb |
| Chromium (Cr) | max.1ppb |
| Copper (Cu) | max.1ppb |
| Iron (Fe) | max.1ppb |
| Potassium (K) | max.1ppb |
| Lithium (Li) | max.1ppb |
| Magnesium (Mg) | max.1ppb |
| Manganese (Mn) | max.1ppb |
| Sodium (Na) | max.10ppb |
| Nickel (Ni) | max.1ppb |
| Lead (Pb) | max.1ppb |
| Strontium (Sr) | max.1ppb |

Zinc (Zn)

Particles (0.5 μ m or more)

max. 1 ppb

under investigation