

## 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 <sub>2</sub> H <sub>5</sub> 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  $\mu$ m or more)

max. 1 ppb

under investigation