

SPECIFICATION

1,2-Propanediol

Guaranteed Reagent

| REQUIREMENT | SPECIFICATION |
|--|------------------------|
| * Appearance | Colorless clear liquid |
| Assay [CH ₃ CH(OH)CH ₂ OH](GC) | min.99.0%(area/area) |
| Solubility in water | to pass test |
| Density (20°C) | 1.034~1.038g/mL |
| Refractive index 20°C | 1.429~1.434 |
| Water | max.0.2%(mass/mass) |
| Residue after ignition (as sulfate) | max.0.005%(mass/mass) |
| Acidity (as CH ₃ COOH) | max.0.006%(mass/mass) |
| Chloride (Cl) | max.0.001%(mass/mass) |
| Sulfate (SO ₄) | max.0.002%(mass/mass) |
| Lead (Pb) | max.5ppm(mass/mass) |
| Substances darkened by sulfuric acid | to pass test |

JIS K 8837:2024(*:Additional test performed by Wako but not required by JIS)