

SPECIFICATION

Ethanol (99.5)

Guaranteed Reagent

| REQUIREMENT | SPECIFICATION |
|--|------------------------|
| * Appearance | Colorless clear liquid |
| Assay (C ₂ H ₅ OH) (GC) | min.99.5%(mass/mass) |
| Density (20°C) | 0.789~0.791g/ml |
| Water | max.0.2%(mass/mass) |
| ** Residue after evaporation | max.5ppm(mass/mass) |
| Acidity (as CH ₃ COOH) | max.0.002%(mass/mass) |
| Alkalinity (as NH ₃) | max.1ppm(mass/mass) |
| Aldehydes and ketones (as CH ₃ COCH ₃) | max.0.001%(mass/mass) |
| Methanol (CH ₃ OH) | max.0.02%(mass/mass) |
| 2-Propanol [(CH ₃) ₂ CHOH] | max.0.01%(mass/mass) |
| 1-Propanol (CH ₃ CH ₂ CH ₂ OH) | max.0.005%(mass/mass) |
| 1-Butanol [CH ₃ (CH ₂) ₂ CH ₂ OH] | max.0.005%(mass/mass) |
| Substances reducing permanganate | to pass test |
| Substances darkened by sulfuric acid | to pass test |

JIS K 8101:2006(*:Additional test performed by Wako but not required by JIS)(**:The specification is originally set by Wako not JIS)