

SPECIFICATION

Ethylene Glycol

Guaranteed Reagent

| REQUIREMENT | SPECIFICATION |
|---|------------------------|
| * Appearance | Colorless clear liquid |
| Assay (HOCH ₂ CH ₂ OH) (GC) | min.99.5%(area/area) |
| Solubility in water | to pass test |
| Density (20°C) | 1.112~1.116g/mL |
| Water | max.0.2%(mass/mass) |
| Residue after ignition (as sulfate) | max.0.005%(mass/mass) |
| Acidity (as CH ₃ COOH) | max.0.005%(mass/mass) |
| Chloride (Cl) | max.1ppm(mass/mass) |
| Sulfate (SO ₄) | max.0.002%(mass/mass) |
| Iron (Fe) | max.5ppm(mass/mass) |
| Substances darkened by sulfuric acid | to pass test |

JIS K 8105:2022(*:Additional test performed by Wako but not required by JIS)