

Code No.05-0098

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)