

## SPECIFICATION

## Ethylene Glycol

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	Colorless clear liquid
Assay (HOCH <sub>2</sub> CH <sub>2</sub> 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 <sub>3</sub> COOH)	max.0.005%(mass/mass)
Chloride (Cl)	max.1ppm(mass/mass)
Sulfate (SO <sub>4</sub> )	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)