

Code No.16-0499

## SPECIFICATION

## Propylene Glycol

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	Colorless clear liquid
Assay [CH <sub>3</sub> CH(OH)CH <sub>2</sub> OH](GC)	min.99.0%(mass/mass)
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 <sub>3</sub> COOH)	max.0.006%(mass/mass)
Chloride (Cl)	max.0.001%(mass/mass)
Sulfate (SO <sub>4</sub> )	max.0.002%(mass/mass)
Heavy metals (as Pb)	max.5ppm(mass/mass)
Substances darkened by sulfuric acid	to pass test

JIS K 8837:2013(\*:Additional test performed by Wako but not required by JIS)