

SPECIFICATION

Methanol

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	Colorless clear liquid
Assay (CH ₃ OH) (GC)	min.99.8%(mass/mass)
Solubility in water	to pass test
Density (20°C)	0.791~0.793g/ml
Refractive index 20°C	1.327~1.330
Water	max.0.1%(mass/mass)
Residue after evaporation	max.5ppm(mass/mass)
Acidity (as HCOOH)	max.0.002%(mass/mass)
Alkalinity (as NH ₃)	max.3ppm(mass/mass)
Carbonyl compounds (as CO)	max.0.005%(mass/mass)
Ethanol (GC)	max.0.05%(mass/mass)
Substances darkened by sulfuric acid	to pass test
Substances reducing permanganate (as O)	max.5ppm(mass/mass)

JIS K 8891:2006(*:Additional test performed by Wako but not required by JIS)