SPECIFICATION

Ethanol (99)

Wako Special Grade

REQUIREMENT	SPECIFICATION
Appearance	Colorless clear liquid
Assay (C2H5OH) (GC)	min.99.5%(mass/mass)
Density (20℃)	0.789~0.791g/ml
Water	max.0.2%(mass/mass)
Residue after evaporation	max.5ppm(mass/mass)
Acidity (as CH3COOH)	max.0.002%(mass/mass)
Alkalinity (as NH3)	max.1ppm(mass/mass)
Aldehydes and ketones (as CH3COCH3)	max.0.001%(mass/mass)
Methanol (CH3OH)	max.0.02%(mass/mass)
2-Propanol [(CH3)2CHOH]	max.0.01%(mass/mass)
1-Propanol (CH3CH2CH2OH)	max.0.005%(mass/mass)
1-Butanol [CH3(CH2)2CH2OH]	max.0.005%(mass/mass)
Substances reducing permanganate	to pass test
Substances darkened by sulfuric acid	to pass test

Production method:by fermentation