SPECIFICATION

Ethanol(95)

Extra Pure

REQUIREMENT	SPECIFICATION
Appearance	Colorless clear liquid
Assay (C2H5OH)(by density)	94.8~95.8vol%
Density (20℃)	0.808~0.812g/ml
Residue after evaporation	max.0.003%(mass/mass)
Acidity (as CH3COOH)	max.0.002%(mass/mass)
Alkalinity (as NH3)	max.1ppm(mass/mass)
Heavy metals (as Pb)	max.1ppm(mass/mass)
Aldehydes and ketones (as CH3COCH3)	max.0.001%(mass/mass)
1-Butanol [CH3(CH2)2CH2OH](GC)	max.0.005%(mass/mass)
1-Propanol (CH3CH2CH2OH) (GC)	max.0.005%(mass/mass)
2-Propanol [(CH3)2CHOH] (GC)	max.0.01%(mass/mass)
Methanol (CH3OH) (GC)	max.0.02%(mass/mass)
3-Methyl-1-butanol [(CH3)2CHCH2CH2OH]	max.0.004%(mass/mass)
(GC) Substances darkened by sulfuric acid	to pass test

JIS K 8102-2012 (*:Additional test performed by Wako but not required by JIS)

(1/1)revised on 2018/11/08