

SPECIFICATION

Ethanol(95)

Extra Pure

REQUIREMENT	SPECIFICATION
* Appearance Assay (C ₂ H ₅ OH)(by density) Density (20°C) Residue after evaporation Acidity (as CH ₃ COOH) Alkalinity (as NH ₃) Heavy metals (as Pb) Aldehydes and ketones (as CH ₃ COCH ₃) 1-Butanol [CH ₃ (CH ₂) ₂ CH ₂ OH](GC) 1-Propanol (CH ₃ CH ₂ CH ₂ OH) (GC) 2-Propanol [(CH ₃) ₂ CHOH] (GC) Methanol (CH ₃ OH) (GC) 3-Methyl-1-butanol [(CH ₃) ₂ CHCH ₂ CH ₂ OH] (GC) Substances darkened by sulfuric acid	Colorless clear liquid 94.8~95.8vol% 0.808~0.812g/ml max.0.003%(mass/mass) max.0.002%(mass/mass) max.1ppm(mass/mass) max.1ppm(mass/mass) max.0.001%(mass/mass) max.0.005%(mass/mass) max.0.005%(mass/mass) max.0.01%(mass/mass) max.0.02%(mass/mass) max.0.004%(mass/mass) to pass test

JIS K 8102-2012

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