## **SPECIFICATION**

## Ethanol (99.5)

## **Guaranteed Reagent**

	REQUIREMENT	SPECIFICATION
*	Appearance	Colorless clear liquid
	Assay (C2H5OH) (GC)	min.99.5%(mass/mass)
	Density (20℃)	$0.789{\sim}0.791$ g/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

JIS K 8101:2006(\*:Additional test performed by Wako but not required by JIS )(\*\*:The specification is originally set by Wako not JIS)

(1 / 1) revised on 2022/04/01