

## SPECIFICATION

## Ethanol (99.5)

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance Assay (C <sub>2</sub> H <sub>5</sub> OH) (GC) Density (20°C) Water	Colorless clear liquid min.99.5%(mass/mass) 0.789~0.791g/ml max.0.2%(mass/mass)
** Residue after evaporation Acidity (as CH <sub>3</sub> COOH) Alkalinity (as NH <sub>3</sub> ) Aldehydes and ketones (as CH <sub>3</sub> COCH <sub>3</sub> ) Methanol (CH <sub>3</sub> OH) 2-Propanol [(CH <sub>3</sub> ) <sub>2</sub> CHOH] 1-Propanol (CH <sub>3</sub> CH <sub>2</sub> CH <sub>2</sub> OH) 1-Butanol [CH <sub>3</sub> (CH <sub>2</sub> ) <sub>2</sub> CH <sub>2</sub> OH] Substances reducing permanganate Substances darkened by sulfuric acid	max.5ppm(mass/mass) max.0.002%(mass/mass) max.1ppm(mass/mass) max.0.001%(mass/mass) max.0.02%(mass/mass) max.0.01%(mass/mass) max.0.005%(mass/mass) max.0.005%(mass/mass) to pass test 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)