

SPECIFICATION

Ethanol (99.5)

for LC/MS

REQUIREMENT	SPECIFICATION
Appearance	Colorless clear liquid
Density (20°C)	0.789~0.791g/mL
Refractive index 20°C	1.360~1.363
Absorbance (210nm)	max.0.70
Absorbance (220nm)	max.0.40
Absorbance (230nm)	max.0.20
Absorbance (240nm)	max.0.10
Absorbance (254nm)	max.0.02
Absorbance (260~400nm)	max.0.01
Water	max.0.2%
Residue after evaporation	max.5ppm
Acidity (as CH ₃ COOH)	max.0.001%
Particles (0.5 μm or more)	max.100/mL
Peroxides (as H ₂ O ₂)	max.5ppm
Fluorescence test	to pass test
Suitability for LC/MS analysis	to pass test
Assay (capillary GC)	min.99.5%