

## SPECIFICATION

## Methanol

for QTofMS

REQUIREMENT	SPECIFICATION
Appearance	Colorless clear liquid
Density (20°C)	0.789~0.792g/mL
Refractive index 20°C	1.327~1.330
Absorbance (210nm)	max.0.60
Absorbance (220nm)	max.0.30
Absorbance (230nm)	max.0.15
Absorbance (240nm)	max.0.06
Absorbance (254nm)	max.0.015
Absorbance (260~400nm)	max.0.01
Water	max.0.05%
Residue after evaporation	max.5ppm
Acidity (as HCOOH)	max.0.001%
Particles (0.5 $\mu$ m or more)	max.100/mL
Peroxides (as H <sub>2</sub> O <sub>2</sub> )	max.5ppm
Fluorescence test	to pass test
Suitability for QTofMS analysis	to pass test
Assay (capillary GC)	min.99.7%