

## SPECIFICATION

## Methanol

for LC/MS

| 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 LC/MS analysis                | to pass test           |
| Assay (capillary GC)                          | min.99.7%              |