

## SPECIFICATION

Methanol  
for Chromatography

| REQUIREMENT   | SPECIFICATION          |
|---|------------------------|
| Appearance  | Colorless clear liquid |
| Solubility in water   | to pass test           |
| Density (20°C)  | 0.789~0.792g/ml        |
| Refractive index 20°C   | 1.327~1.330            |
| Water   | max.0.07%              |
| Residue after evaporation                                     | max.5ppm               |
| Acidity (as HCOOH)  | max.0.002%             |
| Alkalinity (as NH <sub>3</sub> )                              | max.3ppm               |
| Acetone and aldehydes (as CH <sub>3</sub> COCH <sub>3</sub> ) | max.0.003%             |
| Ethanol (C <sub>2</sub> H <sub>5</sub> OH)                    | max.0.05%              |
| Substances darkened by sulfuric acid                          | to pass test           |
| Substances reducing permanganate                              | max.5ppm               |
| Assay (capillary GC)  | min.99.8%              |