

SPECIFICATION

Ultrapure Water
for LC/MS

| REQUIREMENT | SPECIFICATION |
|---|------------------------|
| Appearance | Colorless clear liquid |
| Density (20°C) | 0.997~0.999g/mL |
| Refractive index 20°C | 1.332~1.334 |
| Absorbance (210~400nm) | max.0.01 |
| Residue after evaporation | max.5ppm |
| pH at 25°C | 5.0~7.5 |
| Particles (0.5 μm or more) | max.100/mL |
| Peroxides (as H ₂ O ₂) | max.0.5ppm |
| Substances reducing permanganate | to pass test |
| Fluorescence test | to pass test |
| Gradient test | to pass test |
| Total organic carbon (TOC) | max.4ppb |