

## SPECIFICATION

Acetonitrile, Super Dehydrated  
for Nucleic Acid Synthesis

| REQUIREMENT                       | SPECIFICATION          |
|-----------------------------------|------------------------|
| Appearance                        | Colorless clear liquid |
| Density (20°C)                    | 0.780~0.783g/mL        |
| Refractive index 20°C             | 1.343~1.346            |
| Absorbance (200nm)                | max.0.05               |
| Absorbance (210nm)                | max.0.03               |
| Absorbance (220nm)                | max.0.02               |
| Absorbance (230nm)                | max.0.01               |
| Absorbance (240nm)                | max.0.005              |
| Absorbance (260nm)                | max.0.005              |
| Absorbance (280nm)                | max.0.005              |
| Absorbance (400nm)                | max.0.005              |
| Water                             | max.10ppm              |
| Residue after evaporation         | max.0.001%             |
| Acidity (as CH <sub>3</sub> COOH) | max.0.001%             |
| Assay (capillary GC)              | min.99.8%              |