

## SPECIFICATION

## Hydrochloric Acid

for Proteomics

| REQUIREMENT                         | SPECIFICATION                                     |
|-------------------------------------|---|
| Appearance                          | Colorless clear liquid                            |
| Residue after evaporation           | max.0.001%  |
| Residue after ignition (as sulfate) | max.5ppm  |
| Sulfate (SO <sub>4</sub> )          | max.1ppm  |
| Free chlorine                       | to pass test (Cl:max.about 0.1ppm)                |
| Copper (Cu)                         | max.0.1ppm  |
| Lead (Pb)                           | max.0.2ppm  |
| Arsenic (As)                        | max.0.01ppm                                       |
| Iron (Fe)                           | max.0.2ppm  |
| Ammonium (NH <sub>4</sub> )         | max.3ppm  |
| Substances reducing iodine          | to pass test (as SO <sub>3</sub> :max.about 1ppm) |
| Deoxyribonuclease                   | to pass test                                      |
| Ribonuclease                        | to pass test                                      |
| Protease                            | to pass test                                      |
| Assay                               | 35.0~37.0%  |