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 (SO4) | max.1ppm |
| Free chlorine | to pass test (CI: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 (NH4) | max.3ppm |
| Substances reducing iodine | to pass test (as SO3:max.about 1ppm) |
| Deoxyribonuclease | to pass test |
| Ribonuclease | to pass test |
| Protease | to pass test |
| Assay | 35.0~37.0% |