

SPECIFICATION

Potassium Hydroxide
for Proteomics

| REQUIREMENT | SPECIFICATION |
|---|-----------------------|
| Appearance | White shot |
| Assay (KOH) | min.85.0%(mass/mass) |
| Potassium carbonate (K ₂ CO ₃) | max.1.0%(mass/mass) |
| Solubility in water | to pass test |
| Chloride (Cl) | max.0.005%(mass/mass) |
| Phosphate (PO ₄) | max.5ppm(mass/mass) |
| Silicate (as SiO ₂) | max.0.002%(mass/mass) |
| Sulfate (SO ₄) | max.0.002%(mass/mass) |
| Nitrogen compounds (as N) | max.0.001%(mass/mass) |
| Sodium (Na) | max.0.5%(mass/mass) |
| Magnesium (Mg) | max.5ppm(mass/mass) |
| Calcium (Ca) | max.0.001%(mass/mass) |
| Zinc (Zn) | max.0.001%(mass/mass) |
| Aluminium (Al) | max.0.001%(mass/mass) |
| Lead (Pb) | max.5ppm(mass/mass) |
| Iron (Fe) | max.5ppm(mass/mass) |
| Nickel (Ni) | max.0.001%(mass/mass) |
| Deoxyribonuclease | to pass test |
| Ribonuclease | to pass test |
| Protease | to pass test |