

## SPECIFICATION

## Potassium Hydroxide

for Proteomics

REQUIREMENT	SPECIFICATION
Appearance	White shot
Assay (KOH)	min.85.0%(mass/mass)
Potassium carbonate (K <sub>2</sub> CO <sub>3</sub> )	max.1.0%(mass/mass)
Solubility in water	to pass test
Chloride (Cl)	max.0.005%(mass/mass)
Phosphate (PO <sub>4</sub> )	max.5ppm(mass/mass)
Silicate (as SiO <sub>2</sub> )	max.0.002%(mass/mass)
Sulfate (SO <sub>4</sub> )	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