

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 ₄)	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 ₄)	max.3ppm
Substances reducing iodine	to pass test (as SO ₃ :max.about 1ppm)
Deoxyribonuclease	to pass test
Ribonuclease	to pass test
Protease	to pass test
Assay	35.0~37.0%