

## SPECIFICATION

## 20% Hydrochloric Acid

## Super Special Grade

REQUIREMENT	SPECIFICATION
Appearance	Colorless clear liquid
Residue after evaporation	max.5ppm
Bromide (Br)	max.10ppm
Iodide (I)	max.1ppm
Sulfate (SO <sub>4</sub> )	max.0.3ppm
Free chlorine	to pass test (Cl: max. about 0.1 ppm)
Copper (Cu)	max.0.004ppm
Zinc (Zn)	max.0.01ppm
Cadmium (Cd)	max.0.2ppb
Mercury (Hg)	max.0.001ppm
Lead (Pb)	max.0.005ppm
Arsenic (As)	max.0.005ppm
Chromium (Cr)	max.0.002ppm
Manganese (Mn)	max.0.002ppm
Iron (Fe)	max.0.02ppm
Cobalt (Co)	max.0.002ppm
Nickel (Ni)	max.0.002ppm
Ammonium (NH <sub>4</sub> )	max.1ppm
Substances reducing iodine (as SO <sub>3</sub> )	max.1ppm
Assay	20.0~21.0%