

SPECIFICATION

Perchloric Acid (60%)

Super Special Grade

REQUIREMENT	SPECIFICATION
Appearance	Colorless clear liquid
Residue after ignition (as sulfate)	max.30ppm
Chloride (Cl)	max.3ppm
Chlorate (ClO ₃)	max.10ppm
Phosphate and silicate (as SiO ₂)	max.50ppm
Sulfate (SO ₄)	max.1ppm
Free chlorine (Cl)	max.5ppm
Nitrogen compounds (as N)	max.20ppm
Copper (Cu)	max.0.003ppm
Zinc (Zn)	max.0.01ppm
Cadmium (Cd)	max.0.01ppm
Mercury (Hg)	max.0.003ppm
Lead (Pb)	max.0.002ppm
Arsenic (As)	max.0.02ppm
Chromium (Cr)	max.0.02ppm
Manganese (Mn)	max.0.001ppm
Iron (Fe)	max.0.03ppm
Assay	60.0~62.0%