

PRODUCT IDENTITY

PRODUCT NAME	Perchloric acid	PRODUCT NUMBER	P112073
Grades & Purity	ACS, 70%	VERSION	3
CAS NUMBER	7601-90-3	FORMULA	HClO ₄
FORMULA WEIGHT	100.46g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Color test (APHA)	0-10 (APHA)
Heavy metal (as Pb)	0-1 (ppm)
Nitrogen compounds(as N)	0-0.001 (%)
Iron(Fe)	0-1 (ppm)
Chloride (Cl ⁻)	0-0.001 (%)
Ignition Residue	0-0.003 (%)
Purity (Titration by NaOH)	69-72 (%)
Sulfate(SO ₄ ²⁻)	0-0.001 (%)
Phosphate and Silicate (as SiO ₂)	0-5 (ppm)
Appearance (P112073)	Colorless liquid