

Product Specification

Product Name:

Hydrochloric acid ACS PurReagent, 36.0%

Product No.: PSR50545
Brand: PureSynth
CAS No.: 7647-01-0
Molecular Formula: HCl
Molecular Weight: 36.46 g/mol

HCl

Test	Specification
Appearance	Colorless Liquid
Assay (By Titration)	35.5 - 37.0 %
Residue on Ignition	NMT 5.0 ppm
Color (APHA)	NMT 10
Ammonium (NH ₄)	NMT 3.0 ppm
Aluminium (Al)	NMT 0.3 ppm
Arsenic (As)	NMT 0.01 %
Boron (B)	NMT 0.1 ppm
Bromide (Br)	NMT 0.005 %
Chromium (Cr)	NMT 0.2 ppm
Copper (Cu)	NMT 0.1 ppm
Iron (Fe)	NMT 0.1 ppm
Gold (Au)	NMT 0.1 ppm
Potassium (K)	NMT 0.3 ppm
Magnesium (Mg)	NMT 0.3 ppm
Manganese (Mn)	NMT 0.3 ppm
Nickel (Ni)	NMT 0.1 ppm
Lead (Pb)	NMT 0.1 ppm
Tin (Sn)	NMT 0.3 ppm
Titanium (Ti)	NMT 0.3 ppm
Zinc (Zn)	NMT 0.3 ppm
Free Chlorine (Cl)	NMT 1.0 ppm
Heavy Metals (as Pb)	NMT 0.1 ppm
Sulfate (SO ₄)	NMT 1.0 ppm
Sulfite (SO ₃)	NMT 1.0 ppm

Specification: PR-1.0-QA/551

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com