



Hydrochloric Acid, 36.5-38.0%
BAKER ANALYZED ACS Reagent

Product No. 9535
 Specifications current as of: Jun 8 2011

TEST	SPECIFICATION
Meets A.C.S. Specifications	
Meets Reagent Specifications for testing USP/NF monographs	
Appearance	Passes Test
Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %
Color (APHA)	max. 10
Extractable Organic Substances	max. 5 ppm
Free Chlorine (as Cl ₂)	max. 1 ppm
Residue after Ignition	max. 3 ppm
Specific Gravity at 60°/60°F	1.185 - 1.192
Bromide (Br)	max. 0.005 %
Trace Impurities (in ppm):	
Phosphate (PO ₄)	max. 1
Sulfate (SO ₄)	max. 0.5
Sulfite (SO ₃)	max. 0.8
Ammonium (NH ₄)	max. 3
Trace Impurities (in ppb):	
Aluminum (Al)	max. 100
Arsenic and Antimony (as As)	max. 5
Boron (B)	max. 50
Calcium (Ca)	max. 200
Chromium (Cr)	max. 100
Copper (Cu)	max. 100
Gold (Au)	max. 100
Heavy Metals (as Pb)	max. 100
Iron (Fe)	max. 100
Lead (Pb)	max. 50
Magnesium (Mg)	max. 300
Manganese (Mn)	max. 300
Mercury (Hg)	max. 5
Nickel (Ni)	max. 100

Potassium (K)	max. 300
Sodium (Na)	max. 300
Tin (Sn)	max. 300
Titanium (Ti)	max. 300
Zinc (Zn)	max. 100

For Laboratory, Research or Manufacturing Use
