Hydrochloric Acid, 36.5-38.0%

BAKER INSTRA-ANALYZED Reagent

Product No. 9530
Specifications current as of: Jun 8 2011

TEST	SPECIFICATION
Meets A.C.S. Specifications	
Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %
Color (APHA)	max. 10
Residue after Ignition	max. 3 ppm
Specific Gravity at 60°/60°F	1.185 - 1.192
Bromide (Br)	max. 0.005 %
Extractable Organic Substances	max. 5 ppm
Free Chlorine (as Cl_2)	max. 0.5 ppm
Trace Impurities (in ppm):	
Phosphate (PO_4)	max. 0.05
Sulfate (SO_4)	max. 0.5
Sulfite (SO_3)	max. 0.8
Ammonium (NH_4)	max. 3
Arsenic (As)	max. 0.01
Trace Impurities (in ppb):	
Aluminum (Al)	max. 10
Arsenic and Antimony (as As)	max. 5
Barium (Ba)	max. 1
Beryllium (Be)	max. 1
Bismuth (Bi)	max. 10
Boron (B)	max. 20
Cadmium (Cd)	max. 1
Calcium (Ca)	max. 50
Chromium (Cr)	max. 1
Cobalt (Co)	max. 1
Copper (Cu)	max. 1
Gallium (Ga)	max. 1
Germanium (Ge)	max. 3
Gold (Au)	max. 4
Heavy Metals (as Pb)	max. 100

Iron (Fe)	max. 15
Lead (Pb)	max. 1
Lithium (Li)	max. 1
Magnesium (Mg)	max. 10
Manganese (Mn)	max. 1
Mercury (Hg)	max. 0.5
Molybdenum (Mo)	max. 10
Nickel (Ni)	max. 4
Niobium (Nb)	max. 1
Potassium (K)	max. 9
Selenium (Se)	Actual Value Reported
Silicon (Si)	max. 100
Silver (Ag)	max. 1
Sodium (Na)	max. 100
Strontium (Sr)	max. 1
Tantalum (Ta)	max. 1
Thallium (Tl)	max. 5
Tin (Sn)	max. 5
Titanium (Ti)	max. 1
Vanadium (V)	max. 1
Zinc (Zn)	max. 5
Zirconium (Zr)	max. 1

Product Information (not specifications):
Appearance (clear, fuming liquid)

For Laboratory, Research or Manufacturing Use