



PO Box 788  
Belmont, NC 28012  
+1.800.732.8484 F: +1.888.843.4384  
Reagents.com

info@Reagents.com  
Phone: 704.554.7474  
Toll Free: 800.732.8484  
Fax: 888.843.4384

## Specification Sheet

Product: Hydrochloric Acid, Trace Metal  
Also meets ACS specifications

Catalog Number: C5101150

Shelf Life: 3 Years

CAS Number: 7647-01-0

Recommended Storage: 15 to 25 °C (59 to 77 °F)

Test	Specification
Assay	36.5 - 38 %
Appearance	Clear, colorless
Color (APHA)	10 MAXIMUM
Ammonium	3 ppm MAXIMUM
Free Chlorine (Cl)	1 ppm MAXIMUM
Heavy Metals	1 ppm MAXIMUM
Sulfate	1 ppm MAXIMUM
Sulfite	1 ppm MAXIMUM
Sodium (Na)	0.3 ppm MAXIMUM
Magnesium (Mg)	0.3 ppm MAXIMUM
Aluminum (Al)	0.3 ppm MAXIMUM
Potassium (K)	0.3 ppm MAXIMUM
Calcium (Ca)	0.3 ppm MAXIMUM
Titanium (Ti)	0.3 ppm MAXIMUM
Chromium (Cr)	0.2 ppm MAXIMUM
Manganese (Mn)	0.3 ppm MAXIMUM
Iron (Fe)	0.2 ppm MAXIMUM
Nickel (Ni)	0.1 ppm MAXIMUM
Copper (Cu)	0.1 ppm MAXIMUM
Zinc (Zn)	0.3 ppm MAXIMUM
Arsenic (As)	0.005 ppm MAXIMUM
Bromide (Br)	0.005 % MAXIMUM
Tin (Sn)	0.3 ppm MAXIMUM
Gold (Au)	0.3 ppm MAXIMUM
Mercury (Hg)	5 ppb (µg/L) MAXIMUM
Lead (Pb)	0.1 ppm MAXIMUM



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Residue after Ignition

5 ppm MAXIMUM