



Specification Report

Printed on: 5-Nov-12

427-064007 Standard

Item Code: 427-064007
Description: Hydrochloric Acid 37% Cleanroom® MB
Container: POLY BOTTLE
Approved on: 24-Sep-2008

Ship to: 427-064007 Standard
Specification: Standard
Revision: 1
Part Number: 427-064007

<u>Parameter</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>
Assay (HCl)	37.00	38.00	%
Color		10	APHA
Appearance			
Free Halogens			
Phosphate (PO4)		30	ppb
Sulfate (SO4)		300	ppb
Sulfite (SO3)		700	ppb
Aluminum (Al)		10.00	ppb
Antimony (Sb)		3.00	ppb
Arsenic (As)		3.00	ppb
Barium (Ba)		10.00	ppb
Beryllium (Be)		10.00	ppb
Bismuth (Bi)		10.00	ppb
Boron (B)		10.00	ppb
Cadmium (Cd)		10.00	ppb
Calcium (Ca)		10.00	ppb
Chromium (Cr)		10.00	ppb
Cobalt (Co)		10.00	ppb
Copper (Cu)		10.00	ppb
Gallium (Ga)		10.00	ppb

<u>Parameter</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>
Germanium (Ge)		10.00	ppb
Gold (Au)		5.00	ppb
Iron (Fe)		10.00	ppb
Lead (Pb)		10.00	ppb
Lithium (Li)		10.00	ppb
Magnesium (Mg)		10.00	ppb
Manganese (Mn)		10.00	ppb
Molybdenum (Mo)		10.00	ppb
Nickel (Ni)		10.00	ppb
Niobium (Nb)		10.00	ppb
Potassium (K)		10.00	ppb
Silicon (Si)		20.00	ppb
Silver (Ag)		5.00	ppb
Sodium (Na)		10.00	ppb
Strontium (Sr)		10.00	ppb
Tantalum (Ta)		10.00	ppb
Thallium (Tl)		10.00	ppb
Tin (Sn)		10.00	ppb
Titanium (Ti)		10.00	ppb
Vanadium (V)		10.00	ppb
Zinc (Zn)		10.00	ppb
Zirconium (Zr)		10.00	ppb
0.5µ Particle Count		50	par/ml
1.0µ Particle Count		10	par/ml