



Specification Report

Printed on: 5-Nov-12

427-064009 Standard

Item Code: 427-064009
Description: Hydrochloric Acid 37% Cleanroom® LP
Container: POLY BOTTLE
Approved on: 24-Sep-2008

Ship to: 427-064009 Standard
Specification: Standard
Revision: 1
Part Number: 427-064009

<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)		50	ppb
Sulfate (SO4)		300	ppb
Sulfite (SO3)		800	ppb
Aluminum (Al)		100.0	ppb
Antimony (Sb)		5.0	ppb
Arsenic (As)		5.0	ppb
Barium (Ba)		100.0	ppb
Boron (B)		50.0	ppb
Cadmium (Cd)		100.0	ppb
Calcium (Ca)		100.0	ppb
Chromium (Cr)		100.0	ppb
Cobalt (Co)		50.0	ppb
Copper (Cu)		50.0	ppb
Gallium (Ga)		100.0	ppb
Germanium (Ge)		100.0	ppb
Gold (Au)		100.0	ppb

<u>Parameter</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>
Iron (Fe)		100.0	ppb
Lead (Pb)		25.0	ppb
Lithium (Li)		100.0	ppb
Magnesium (Mg)		100.0	ppb
Manganese (Mn)		100.0	ppb
Nickel (Ni)		50.0	ppb
Potassium (K)		100.0	ppb
Silicon (Si)		100.0	ppb
Silver (Ag)		50.0	ppb
Sodium (Na)		100.0	ppb
Strontium (Sr)		100.0	ppb
Tin (Sn)		100.0	ppb
Titanium (Ti)		100.0	ppb
Zinc (Zn)		30.0	ppb
0.5µ Particle Count		50	par/ml
1.0µ Particle Count		10	par/ml