



Product Specifications

PRODUCT NAME: Hydrochloric Acid
SEMI

CHEMICAL FORMULA: HCl

Product Code: 259300-90000
F.W.: 36.4600
CAS No: 7647-01-0
Density: 1.18

ITEM	SPECIFICATIONS
Hydrochloric Acid	36.0 - 38.0%
Phosphate	< 50 ppb
Sulfate	<200 ppb
Residue After Ignition	<500 ppb
Aluminum (Al)	<100 ppb
Antimony (Sb)	<100 ppb
Arsenic (As)	<100 ppb
Barium (Ba)	<100 ppb
Boron (B)	<500 ppb
Cadmium (Cd)	<100 ppb
Calcium (Ca)	<200 ppb
Chromium (Cr)	<100 ppb
Cobalt (Co)	<100 ppb
Copper (Cu)	<100 ppb
Gallium (Ga)	<100 ppb
Germanium (Ge)	<100 ppb
Gold (Au)	<100 ppb
Iron (Fe)	<300 ppb
Lead (Pb)	<100 ppb
Lithium (Li)	<100 ppb
Magnesium (Mg)	<100 ppb
Manganese (Mn)	<100 ppb
Molybdenum (Mo)	<100 ppb
Nickel (Ni)	<100 ppb
Potassium (K)	<100 ppb
Silver (Ag)	<100 ppb
Sodium (Na)	<100 ppb
Tin (Sn)	<100 ppb
Titanium (Ti)	<1000 ppb
Vanadium (V)	<100 ppb
Zinc (Zn)	<500 ppb

Remarks:



COLUMBUS CHEMICAL INDUSTRIES

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The above are the specifications, ranges and limits set for this product.

Eddy Santiago
Quality Assurance Manager

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