

**Product Name: Hydrochloric Acid 36 – 37 %  
Saltsyra 36 – 37%**



**Grade: VLSI**

Standard Package Information	
Material Number :	650530 63764
Container Type:	200 L Drum

Contaminants	UM	Specifications
<b>Property</b>		
Assay	%	35 – 37
Color	Apha	10
Appareance		Pass
Bromide	ppm	50
Ammonium	ppm	1.0
Free chlorine	ppb max	2000
Residue	ppm max	2
<b>Anions</b>		
Phospate (PO4)	ppb	500
Sulfate (SO4)	ppb	500
Sulfite (SO3)	ppb	500
<b>Trace Elements</b>		
Aluminum (Al)	ppb max	10
Antimony (Sb)	ppb max	5
Arsenic (As)	ppb max	5
Barium (Ba)	ppb max	10
Beryllium	ppb max	10
Bigmuth	ppb max	10
Boron (B)	ppb max	10
Cadmium (Cd)	ppb max	10
Calcium (Ca)	ppb max	200
Chromium (Cr)	ppb max	10
Cobalt (Co)	ppb max	10
Copper (Cu)	ppb max	10
Gallium (Ga)	ppb max	10
Germanium (Ge)	ppb max	10
Gold (Au)	ppb max	5
Indium	ppb max	10
Iron (Fe)	ppb max	100
Lead (Pb)	ppb max	10
Lithium (Li)	ppb max	10
Magnesium (Mg)	ppb max	10
Manganese (Mn)	ppb max	10
Molybdenum	ppb max	10
Nickel (Ni)	ppb max	10

Contaminants	UM	Specifications	Result
Niobium	ppb max	20	
Potassium (K)	ppb max	10	
Silicon (Si)	ppb max	100	
Silver (Ag)	ppb max	10	
Sodium (Na)	ppb max	200	
Strontium (Sr)	ppb max	10	
Thallium	ppb max	10	
Tantalum	ppb max	20	
Titanium (Ti)	ppb max	10	
Vanadium	ppb max	10	
Zinc (Zn)	ppb max	50	
Vanadium	ppb max	10	