



**Electronic Chemicals, Inc.**

## Product Information: Hydrochloric Acid 37%

### CLEANROOM® MB GRADE

Standard Package Information	
Container Type:	Drum
Fill Weight kg	230 kg

Contaminants		specifications	
Assay	HCl	37 - 38	%
Color	APHA	< 10	AP
Free Halogen		< 500	ppb
Phosphate	PO <sub>4</sub>	< 30	ppb
Sulfate	SO <sub>4</sub> <sup>-</sup>	< 300	ppb
Sulfite	SO <sub>3</sub> <sup>-</sup>	< 700	ppb
Aluminum	Al	< 10	ppb
Antimony	Sb	< 3	ppb
Arsenic	As	< 3	ppb
Barium	Ba	< 10	ppb
Beryllium	Be	< 10	ppb
Bismuth	Bi	< 10	ppb
Boron	B	< 10	ppb
Cadmium	Cd	< 10	ppb
Calcium	Ca	< 10	ppb
Chromium	Cr	< 10	ppb
Cobalt	Co	< 10	ppb
Copper	Cu	< 10	ppb
Gallium	Ga	< 10	ppb
Germanium	Ge	< 10	ppb
Gold	Au	< 5	ppb
Iron	Fe	< 10	ppb
Lead	Pb	< 10	ppb
Lithium	Li	< 10	ppb
Magnesium	Mg	< 10	ppb
Manganese	Mn	< 10	ppb
Molybdenum	Mo	< 10	ppb
Nickel	Ni	< 10	ppb
Niobium	Nb	< 10	ppb
Potassium	K	< 10	ppb
Silicon	Si	< 20	ppb
Silver	Ag	< 5	ppb
Sodium	Na	< 10	ppb
Strontium	Sr	< 10	ppb
Tantalum	Ta	< 10	ppb
Thallium	Tl	< 10	ppb
Tin	Sn	< 10	ppb
Titanium	Ti	< 10	ppb
Vanadium	V	< 10	ppb
Zinc	Zn	< 10	ppb
Zirconium	Zr	< 10	ppb
0.5 Micron Particle Count		< 150	Par/ml
1.0 Micron Particle Count		< 25	Par/ml

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