



SPECIFICATION

Product Code: 23545

Product Name : HYDROCHLORIC ACID 37 % FOR TRACE METAL ANALYSIS

HCl	M.W. 36.46
Assay (acidimetric)	36.5 – 37.5%
Colour scale	max. 10 APHA
Density (at 20 ⁰ C)	1.183 – 1.189 g/ml
Residue on evaporation	max. 100000 ppb
Ammonium(NH ₄)	max. 1000 ppb
Bromide (Br)	max 50000 ppb
Free chlorine(cl)	max 500 ppb
Phosphate (PO ₄)	max 500 ppb
Sulphate (SO ₄)	max. 1000 ppb
Sulphite(as SO ₃)	max 500 ppb
Aluminium (Al)	max 200 ppb
Arsenic (As)	max 100 ppb
Barium (Ba)	max. 100 ppb
Beryllium (Be)	max. 20 ppb
Bismuth (Bi)	max. 500 ppb
Cadmium (Cd)	max. 5 ppb
Calcium (Ca)	max. 1000 ppb
Chromium (Cr)	max. 200 ppb
Cobalt (Co)	max. 10 ppb
Copper (Cu)	max. 10 ppb

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**Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503**



Heavy metal (as Pb)	max. 100 ppb
Iron (Fe)	max. 200 ppb
Lead (Pb)	max. 50 ppb
Lithium (Li)	max. 20 ppb
Manganese (Mn)	max. 50 ppb
Magnesium (Mg)	max. 300 ppb
Mercury (Hg)	max. 100 ppb
Molybdenum (Mo)	max. 50 ppb
Nickel (Ni)	max. 200 ppb
Potassium (K)	max. 200 ppb
Sodium (Na)	max. 400 ppb
Strontium (Sr)	max. 20 ppb
Thallium (Tl)	max. 50 ppb
Titanium (Ti)	max. 50 ppb
Vanadium (V)	max. 20 ppb
Zinc (Zn)	max. 50 ppb
Zirconium(Zr)	max 50 ppb

CAS No. : 7647-01-0 R : 34- 37 S : 26- 36/37/39- 45

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