

# Technical Specification

**PRODUCT : Hydrochloric acid 34-37% RS - Superpure - For trace analysis at ppb level**

**CODE : 403910**

**MOLECULAR WEIGHT :36,46**

**CAS N° : 7647-01-0**

**FORMULA : HCl**

TEST	U.M.	SPECIFICATION
Assay (HCl)	% (w/w)	34 - 37
Colour	APHA	<= 10
Bromide	ppm	<= 10
Free chlorine	ppm	<= 0.5
Total phosphorus	ppm	<= 0.01
Total sulphur	ppm	<= 0.3
Al	ppb	<= 1
Sb	ppb	<= 0.5
As	ppb	<= 0.5
Ba	ppb	<= 0.1
Be	ppb	<= 0.1
Bi	ppb	<= 0.1
B	ppb	<= 1
Cd	ppb	<= 0.1
Ca	ppb	<= 1
at 250 nm	AU	
Cs	ppb	<= 0.1
Cr	ppb	<= 0.5
Co	ppb	<= 0.1
Cu	ppb	<= 0.5
Dy	ppb	<= 0.1
Er	ppb	<= 0.1
Eu	ppb	<= 0.1
Gd	ppb	<= 0.1
Ga	ppb	<= 0.1
Ge	ppb	<= 1
Au	ppb	<= 0.5
Hf	ppb	<= 0.1
Ho	ppb	<= 0.1
In	ppb	<= 0.1
Fe	ppb	<= 1
La	ppb	<= 0.1
Pb	ppb	<= 0.1
Li	ppb	<= 0.1
Lu	ppb	<= 0.1
Mg	ppb	<= 0.5
Mn	ppb	<= 0.1
Hg	ppb	<= 0.1
Mo	ppb	<= 0.1
Nd	ppb	<= 0.1
Ni	ppb	<= 0.5
Nb	ppb	<= 0.1
Pd	ppb	Information only
Pt	ppb	Information only
K	ppb	<= 1

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.  
 CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of in

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Pr	ppb	<= 0.1
Re	ppb	<= 0.1
Rh	ppb	<= 0.1
Rb	ppb	<= 0.1
Ru	ppb	<= 0.1
Sm	ppb	<= 0.1
Sc	ppb	<= 0.1
Sb	ppb	<= 0.5
Ag	ppb	<= 1
Na	ppb	<= 1
Sr	ppb	<= 0.1
Ta	ppb	Information only
Te	ppb	<= 0.1
Tb	ppb	<= 0.1
Tl	ppb	<= 0.1
Th	ppb	<= 0.1
Tm	ppb	<= 0.1
Sn	ppb	<= 0.5
Ti	ppb	<= 0.5
W	ppb	<= 0.1
U	ppb	<= 0.1
V	ppb	<= 0.5
Yb	ppb	<= 0.1
Y	ppb	<= 0.1
Zn	ppb	<= 1
Zr	ppb	<= 0.1

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