





Hydrochloric acid 23%

Synonyms:

Classification		Danger	
Molecular weight	36.461 ONU	1789	 
CAS	7647-01-0 Transport hazard class:	8	
EEC-N:	231-595-7 Packing	III	

Hydrochloric acid 23% > RPE - For analysis - ISO

Analytical Grade

As	<= 0.01	ppm
Be	<= 0.02	ppm
Bi	<= 0.05	ppm
Ca	<= 0.5	ppm
Cd	<= 0.005	ppm
Co	<= 0.01	ppm



Cr	<= 0.02	ppm
Cu	<= 0.01	ppm
Fe	<= 0.1	ppm
Hg	<= 0.1	ppm
Li	<= 0.05	ppm
Mg	<= 0.3	ppm
Mn	<= 0.03	ppm
Mo	<= 0.05	ppm
Na	<= 5	ppm
Ni	<= 0.02	ppm
Pb	<= 0.05	ppm
Sr	<= 0.02	ppm
Ti	<= 1	ppm
Tl	<= 0.05	ppm
V	<= 0.5	ppm
Zn	<= 0.5	ppm
Zr	<= 0.05	ppm
Description	Clear liquid	-
Colour	<= 10	APHA
HCl content	23.0 - 24.0	%



Identification	Positive	-
Density at 20°C	1.113 - 1.119	-
Ammonium	<= 1	ppm
Bromide	<= 50	ppm
Free chlorine	<= 4	ppm
Phosphate	<= 0.5	ppm
Heavy metals (as Pb)	<= 1	ppm
Residue on ignition	<= 5	ppm
Sulfate	<= 0.8	ppm
Sulfite	<= 0.5	ppm
Al	<= 0.05	ppm

ID	Size	Packaging
000000000000403909	25 kg	Plastic jerrycan
000000000000403901	1 l	Glass bottle
000000000000403905	2.5 l	Glass bottle
000000000000403906	10 l	Plastic tank



CARLO ERBA Reagents S.A.S.
Chaussée du Vexin – 27106 Val
de Reuil cedex
N° TVA: FR 63391048824
Tél : +33 (0)2 32 09 20 00
www.carloerbareagents.com



CARLO ERBA Reagents
operates with a Certified
Quality Management
System

