



# Hydrochloric acid 37%

Synonyms:

HCl

## Classification

## Danger

Molecular weight **36.461** ONU

1789

CAS **7647-01-0** Transport hazard class:

8

EEC-N: **231-595-7** Packing

II

**Hydrochloric acid 37%** > RS - RSE - For electronic use**Special Grade**

Description	Clear liquid	-
Colour	<= 10	APHA
Identification	Positive	-
Assay (acidimetric)	>= 36.5	%
Density at 20°C	1.181 - 1.186	-
Ammonium	<= 1	ppm



Bromide	$\leq 10$	ppm
Free chlorine	$\leq 0.5$	ppm
Phosphate	$\leq 0.1$	ppm
Heavy metals (as Pb)	$\leq 0.1$	ppm
Residue on ignition	$\leq 2$	ppm
Sulfate	$\leq 0.5$	ppm
Sulfite	$\leq 0.5$	ppm
Ag	$\leq 0.02$	ppm
Al	$\leq 0.05$	ppm
As	$\leq 0.005$	ppm
Au	$\leq 0.05$	ppm
B	$\leq 0.02$	ppm
Ba	$\leq 0.05$	ppm
Be	$\leq 0.02$	ppm
Bi	$\leq 0.02$	ppm
Ca	$\leq 0.5$	ppm
Cd	$\leq 0.005$	ppm
Co	$\leq 0.01$	ppm
Cr	$\leq 0.01$	ppm
Cu	$\leq 0.005$	ppm



Fe	<= 0.1	ppm
Ga	<=0.02	ppm
Hg	<= 0.1	ppm
In	<=0.02	ppm
K	<=0.1	ppm
Li	<= 0.02	ppm
Mg	<= 0.1	ppm
Mn	<= 0.01	ppm
Mo	<= 0.05	ppm
Na	<= 0.5	ppm
Ni	<= 0.01	ppm
Pb	<= 0.05	ppm
Pt	<=0.05	ppm
Sb	<=0.005	ppm
Sn	<=0.02	ppm
Sr	<= 0.02	ppm
Ta	<=0.1	ppm
Ti	<= 0.05	ppm
Tl	<= 0.05	ppm
V	<= 0.05	ppm



Zn	<= 0.02	ppm
Zr	<= 0.05	ppm

ID	Size	Packaging
0000000000000403977	1 l	Glass bottle
0000000000000403971	2.5 l	Glass bottle
0000000000000403972	10l	Plastic jerrycan



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