

# HYDROCHLORIC ACID STANDARD SOLUTION (C < 3 MOL/L)

*Kwas solny roztwory mianowane*

## HCl

M = 36,46 g/mol

CAS: 7647-01-0

WE: 231-595-7

H: not applicable  
P: not applicable  
RID/ADR: not applicable UN: not applicable

### Physical and chemical properties:

Character:	liquid	Explosion limits:	not applicable
Colour:	colourless	Vapour pressure:	no data
Odor:	sharp	Density:	no data
pH:	<1 (20°C)	Solubility:	
Melting point:	no data	in water:	soluble
Boiling point:	no data	in organic solvents:	no data
Auto-ignition temperature:	not applicable		
Ignition temperature:	not applicable		

### hydrochloric acid standard solution 0,001 mol/l (0,001 N) CHEM\*805313158

100 ml	500 ml	Titer	0,000996 – 0,001004 mol/l
1 l	2.5 l		
3 l	5 l		

### hydrochloric acid standard solution 0,01 mol/l (0,01 N) CHEM\*805313163

100 ml	500 ml	Titer	0,00996 – 0,01004 mol/l
1 l	2.5 l		
3 l	5 l		

### hydrochloric acid standard solution 0,02 mol/l (0,02 N) CHEM\*805313162

100 ml	500 ml	Titer	0,01992 – 0,02008 mol/l
1 l	2.5 l		
3 l	5 l		

### hydrochloric acid standard solution 0,0357 mol/l (0,0357 N) CHEM\*805313170

1 l	Titer	0,03556 – 0,03584 mol/l
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**hydrochloric acid standard solution 0,05 mol/l (0,05 N) CHEM\*805313177**

100 ml	500 ml	Titer	0,0498 – 0,0502 mol/l
1 l	2.5 l		
3 l	5 l		

**hydrochloric acid standard solution 0,1 mol/l (0,1 N) CHEM\*805313160**

100 ml	500 ml	Titer	0,0996 – 0,1004 mol/l
1 l	2.5 l		
3 l	5 l		

**hydrochloric acid standard solution 0,2 mol/l (0,2 N) CHEM\*805313166**

100 ml	500 ml	Titer	0,1992 – 0,2008 mol/l
1 l	2.5 l		
3 l	5 l		

**hydrochloric acid standard solution 0,25 mol/l (0,2 N) CHEM\*805313180**

100 ml	500 ml	Titer	0,249 – 0,251 mol/l
1 l	2.5 l		
3 l	5 l		

**hydrochloric acid standard solution 0,5 mol/l (0,5 N) CHEM\*805313165**

100 ml	500 ml	Titer	0,498 – 0,502 mol/l
1 l	2.5 l		
3 l	5 l		

**hydrochloric acid standard solution 1 mol/l (1 N) CHEM\*805313164**

100 ml	500 ml	Titer	0,996 – 1,004 mol/l
1 l	2.5 l		
3 l	5 l		

**hydrochloric acid standard solution 2 mol/l (2 N) CHEM\*805313161**

100 ml	500 ml	Titer	1,992 – 2,008 mol/l
1 l	2.5 l		
3 l	5 l		