

HYDROCHLORIC ACID-WATER, SOLUTION 50:50 V/V

AC0760 Hydrochloric acid-water, solution 50:50 v/v, ExpertQ®, for analysis 

- Synonyms: Hydrogen chloride - water solution
- HCl
- M = 36,46 g/mol
- CAS [7647-01-0]
- EINECS-No.: 231-595-7
- Density: 1,10 g/cm³
- EC-Index-No.: 017-002-01-X
- ADR: 8 C1 II UN 1789
- IMDG: 8 II UN 1789
- IATA/ICAO: 8 II UN 1789

- GHS-signal word: Warning
- GHS-H sentences: H315 - H319 - H335
- GHS-P sentences: P261 - P280 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2806 10 00 00
- Applications: analytical chemistry, laboratory reagent, titrant in volumetric analysis, for the analysis of: fats.

hydrochloric acid 37 % 50 ml
water 50 ml
residue on evaporation max. 0,001 %

ART. NO.	VOLUME	CONTAINER
AC07601000	1 l	

HYDROCHLORIC ACID, VOLUMETRIC SOLUTIONS

AC0752 Hydrochloric acid, solution 6 mol/l (6 N) 

- HCl
- M = 36,46 g/mol
- CAS [7647-01-0]
- EINECS-No.: 231-595-7
- Density: 1,098 g/cm³
- EC-Index-No.: 017-002-01-X
- ADR: 8 C1 II UN 1789
- IMDG: 8 II UN 1789
- IATA/ICAO: 8 II UN 1789
- GHS-signal word: Warning
- GHS-H sentences: H315 - H319 - H335
- GHS-P sentences: P261 - P280 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2806 10 00 00

- Applications: analytical chemistry, laboratory reagent, titrant in volumetric analysis, for the analysis of: fats.

factor 0,999 - 1,001
uncertainty ± 0,001
1 ml = 0,21876 g HCl
This volumetric solution was checked by means of potentiometric methods using Scharlau's tris(hydroxymethyl)- aminomethane volumetric standard. Scharlau's volumetric standards are directly traceable to the Standard Reference Materials from NIST (National Institute of Standards and Technology, USA).

ART. NO.	VOLUME	CONTAINER
AC07521000	1 l	

AC0749 Hydrochloric acid, solution 5 mol/l (5 N) 

- HCl
- M = 36,46 g/mol
- CAS [7647-01-0]
- EINECS-No.: 231-595-7
- Density: 1,08 g/cm³
- Solub. in water: (20 °C): miscible
- EC-Index-No.: 017-002-01-X
- ADR: 8 C1 II UN 1789
- IMDG: 8 II UN 1789
- IATA/ICAO: 8 II UN 1789
- GHS-signal word: Warning
- GHS-H sentences: H315 - H319 - H335
- GHS-P sentences: P261 - P280 - P305 + P351 + P338 - P321 - P405 - P501a

- Tariff number: 2806 10 00 00
- Applications: analytical chemistry, laboratory reagent, titrant in volumetric analysis, for the analysis of: fats.



factor 0,999 - 1,001
uncertainty ± 0,001
1 ml = 0,18235 g HCl
This volumetric solution was checked by means of potentiometric methods using Scharlau's tris(hydroxymethyl)- aminomethane volumetric standard. Scharlau's volumetric standards are directly traceable to the Standard Reference Materials from NIST (National Institute of Standards and Technology, USA).

ART. NO.	VOLUME	CONTAINER
AC07491000	1 l	

AC0738 Hydrochloric acid, solution 3 mol/l (3 N) 

- HCl
- M = 36,46 g/mol
- CAS [7647-01-0]
- EINECS-No.: 231-595-7
- Density: ~ 1,06 g/cm³
- EC-Index-No.: 017-002-01-X
- ADR: 8 C1 II UN 1789
- IMDG: 8 II UN 1789
- IATA/ICAO: 8 II UN 1789
- GHS-signal word: Warning
- GHS-H sentences: H315 - H319 - H335
- GHS-P sentences: P261 - P280 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2806 10 00 00
- Applications: analytical chemistry, laboratory reagent, titrant in volumetric analysis, for the analysis of: fats.

factor 0,999 - 1,001
uncertainty ± 0,001
1 ml = 0,10938 g HCl
This volumetric solution was checked by means of potentiometric methods using Scharlau's tris(hydroxymethyl)- aminomethane volumetric standard. Scharlau's volumetric standards are directly traceable to the Standard Reference Materials from NIST (National Institute of Standards and Technology, USA).

ART. NO.	VOLUME	CONTAINER
AC07381000	1 l	
AC07382500	2,5 l	
AC0738010C	10 l	