

**Hydrochloric acid, solution 2 mol/l (2 N)****Identification**

HCl  
M = 36,46 g/mol  
CAS [7647-01-0]  
EC number: 231-595-7  
Taric code: 2806 10 00

**Applications**

analytical chemistry, titrant in volumetric analysis.

**Specifications**

factor..... 0,999 - 1,001  
uncertainty ± 0,001

1 ml = 0,07292 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).

**Packaging****Packaging Code**

1 l  AC07481000

**Physical data**

- Density: ~ 1,03 g/cm<sup>3</sup>
- pH(20 °C) < 1

**Toxicological data**

- WGK: 1
- Poison class CH (Swiss): 3

**Transport/storage**

- ADR: 8 C1 III • UN 1789 • HYDROCHLORIC ACID
- IMDG: 8 III • UN 1789 • HYDROCHLORIC ACID
- IATA/ICAO: 8 III • UN 1789 • HYDROCHLORIC ACID
- PAX: 819
- CAO: 821
- Store between 15°C and 25°C