

## Hydrochloric acid purified grade, min. 28%

<b>CHEMICAL NAME</b>	Hydrochloric acid
<b>CAS NUMBER</b>	7647-01-0
<b>TECHNICAL REQUIREMENTS</b>	Appearance .....transparent, yellowish liquid
	Hydrogen chloride, % (m/m) ..... Min. 28 (ASTM E224-08)
	Available chlorine*, mg/kg..... Max. 50 (LA/2185)
	Iron (Fe)*, mg/kg ..... Max. 50 (PN-ISO 6685:2002)
	Calcined residue as SO <sub>4</sub> <sup>2-</sup> *,mg/kg.....max. 500 (LA/2126)
	* parameter guaranteed

<b>INFORMATIVE DATA**</b>	Solubility in water ..... unlimited
	Other solvents..... ethanol, ethyl ether
	Density at the temperature. 20 <sup>0</sup> C, g/cm <sup>3</sup> .....1,12-1,17
	Boiling point, °C ..... 98
	Solidification point, °C..... -63
	Molecular mass, g/mol..... 36,5

\*\* These informative data are not technical requirements and cannot form the basis for any claims.

<b>USE</b>	Industrial/consumer use as water treatment chemical. Intermediate: production of chemicals, soaps & detergents, pharmaceuticals, cosmetics, plant protection products. Industrial/professional use as pH-regulator, flocculant, precipitant, neutralization agent. Use as washing & cleaning product. Use as a laboratory chemical. Use in welding and soldering products.
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