

Hydrochloric acid min.37 % PF

CHEMICAL NAME	Hydrochloric acid
CAS NUMBER	7647-01-0
TECHNICAL REQUIREMENTS	<p>Appearance of the solution transparent solution, colourless (Ph. EUR 9.0 + Suppl.)</p> <p>Hydrogen chloride*, % (m/m)35,0-39,0 (Ph. EUR 9.0 + Suppl.)</p> <p>Chlorine, free*, ppmmax.4 (Ph. EUR 9.0 + Suppl.)</p> <p>Sulphates*, ppmmax. 20 (Ph. EUR 9.0 + Suppl.)</p> <p>Evaporation residue at 105°C*, % (m/m).....max. 0.01 (Ph. EUR 9.0 + Suppl.)</p> <p>Heave metals*, ppmmax. 2 (Ph. EUR 8.6 + Suppl.)</p>

* Guaranteed parameter

GENERAL DATA	<p>Molecular mass g/mol112,56</p> <p>Water solubilitypoor; 0,03% at 20 °C</p> <p>External appearance..... colourless liquid, transparent, smoky</p> <p>Solubility in waterunlimited</p> <p>Other solvents..... ethanol, ethyl ether</p> <p>Density at 20 °C, g/cm31,18-1,19</p> <p>Odour.....strong, suffocating</p> <p>Initial boiling point, °C..... Above 50</p> <p>Coagulation point, °CBelow - 25</p> <p>Molar mass..... 36,5</p>
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APPLICATION

In the pharmaceutical industry, this product is used for the synthesis of acid and para-aminobenzoic acid.