

# Technical Datasheet

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## Article No. 836

Hydrochloric acid p. a.  
min. 37.0 % HCl

For laboratory use.

Parameter	Value
Appearance	Colourless liquid
Melting point	-40– -25 °C
Boiling point	~85 °C
Density	~1.17 g/ml
Mol.-Weight	36.46 g/mol
Residue on ignition	max. 0.0005 %
Sulfate (SO <sub>4</sub> )	max. 0.0001 %
Sulfite (SO <sub>3</sub> )	max. 0.0002 %
Free chlorine (Cl <sub>2</sub> )	max. 0.00005 %
Arsenic (As)	max. 0.000005 %
Zinc (Zn)	max. 0.0001 %
Copper (Cu)	max. 0.000005 %
Lead (Pb)	max. 0.000005 %
Iron (Fe)	max. 0.00005 %
Ammonium (NH <sub>4</sub> )	max. 0.0003 %
Cadmium (Cd)	max. 0.000001 %