

**neoFroxx GmbH**

Marie-Curie-Str. 3  
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## Specification

<b>Product</b>	<b>Hydrochloric acid 32 % p.A.</b>
<b>Brand</b>	Labochem

Product number	LC-6721
Synonym(s)	Hydronium chloride, Chlorhydric acid
Formula	HCl
Molecular weight	36.46 g/mol
CAS number	7647-01-0
Storage	below 25°C
Retest period (months)	48

Parameter	Specification
Assay (alkalimetric)	approx. 32.0 %
Colour (Hazen)	max. 10
NH <sub>4</sub> (Ammonium)	max. 0.0001 %
Bromide (Br)	max. 0.005 %
Free chlorine (Cl)	max. 0.00005 %
Phosphate (PO <sub>4</sub> )	max. 0.00005 %
Sulfate (SO <sub>4</sub> )	max. 0.0001 %
Sulfite (SO <sub>3</sub> )	max. 0.0001 %
Ag	max. 0.000005 %
Al	max. 0.000005 %
As	max. 0.000001 %
Au	max. 0.000005 %
Ba	max. 0.000002 %
Be	max. 0.000002 %
Bi	max. 0.000002 %
Ca	max. 0.00002 %
Cd	max. 0.000001 %
Co	max. 0.000001 %
Cr	max. 0.000002 %
Cu	max. 0.000002 %
Fe	max. 0.00001 %
Ga	max. 0.000005 %
Ge	max. 0.000002 %
Hg	max. 0.000001 %
In	max. 0.000005 %
K	max. 0.00001 %

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Parameter	Specification
Li	max. 0.000001 %
Mg	max. 0.000005 %
Mn	max. 0.000001 %
Mo	max. 0.000001 %
Na	max. 0.00002 %
Ni	max. 0.000002 %
Pb	max. 0.000001 %
Pt	max. 0.00001 %
Sr	max. 0.000001 %
Ti	max. 0.000002 %
Tl	max. 0.000002 %
V	max. 0.000001 %
Zn	max. 0.000005 %
Zr	max. 0.000002 %
Res. on ignition (as SO <sub>4</sub> )	max. 0.0005 %

Einhausen, 19.01.2022