

Specification

Item number: 1LX0

Hydrochloric acid

37 % fuming, p.a.

CAS No.: 7647-01-0

print date: 01.01.2024

formula: HCl

density: 1,19

molecular weight: 36,46 g/mol

Type analysis

Assay	36.5-38.0 %
Colour (APHA)	≤10
Free chlorine (Cl)	≤0.0005 %
Ammonium (NH₄)	≤0.0005 %
Bromide (Br)	≤0.005 %
Sulphate (SO₄)	≤0.0005 %
Sulphite (SO₃)	≤0.0005 %
Ash content	≤0.0005 %
Heavy metals	≤0.001 %

Trace impurities:

As (Arsenic)	≤0.0001 %
Ba (Barium)	≤0.0001 %
Ca (Calcium)	≤0.0001 %
Cd (Cadmium)	≤0.0001 %
Cu (Copper)	≤0.0001 %
Co (Cobalt)	≤0.0001 %
Cr (Chrom)	≤0.0001 %
Fe (Iron)	≤0.0001 %
K (Potassium)	≤0.0001 %
Na (Sodium)	≤0.0001 %
Ni (Nickel)	≤0.0001 %
Pb (Lead)	≤0.0001 %
Sb (Antimony)	≤0.0001 %
Ti (Titanium)	≤0.0001 %
Zn (Zinc)	≤0.0001 %

Our products are tested for laboratory use only.
The stated information refers to the current status of product quality.
We reserve the right to implement necessary changes.

Dr. R. Niemand
Head of Quality Assurance

S. Lorsee
Head of Quality Management

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