

Specification

Item number: 4625

Hydrochloric acid

ROTIPURAN® 37 % fuming, p.a., ACS, ISO

CAS No.: 7647-01-0

print date:

01.01.2024

formula: HCl

density: 1,19

molecular weight: 36,46 g/mol

Guarantee analysis

Content (acidim.)	36,5-38,0 %
Colour (Hazen)	≤10
Free chlorine (Cl)	≤0,0001 %
Ash content (as SO ₄)	≤0,0005 %
Heavy metals (as Pb)	≤0,0001 %
Phosphate (PO ₄)	≤0,00005 %
Sulphate (SO ₄)	≤0,0001 %
Sulphite (SO ₃)	≤0,00005 %
Aluminium (Al)	≤0,000005 %
Ammonium (NH ₄)	≤0,0001 %
Arsenic (As)	≤0,000001 %
Barium (Ba)	≤0,000001 %
Beryllium (Be)	≤0,000001 %
Bismuth (Bi)	≤0,000005 %
Lead (Pb)	≤0,000001 %
Boron (B)	≤0,00001 %
Bromide (Br)	≤0,005 %
Cadmium (Cd)	≤0,000001 %
Calcium (Ca)	≤0,00003 %
Chromium (Cr)	≤0,000001 %
Iron (Fe)	≤0,00001 %
Gallium (Ga)	≤0,000005 %
Germanium (Ge)	≤0,000002 %
Gold (Au)	≤0,000005 %
Potassium (K)	≤0,00001 %
Cobalt (Co)	≤0,000001 %
Copper (Cu)	≤0,000001 %
Lithium (Li)	≤0,000001 %
Magnesium (Mg)	≤0,000005 %

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Manganese (Mn)	≤0,000001 %
Molybdenum (Mo)	≤0,000001 %
Sodium (Na)	≤0,00005 %
Nickel (Ni)	≤0,000002 %
Platinum (Pt)	≤0,00001 %
Mercury (Hg)	≤0,000001 %
Silver (Ag)	≤0,000002 %
Strontium (Sr)	≤0,000002 %
Thallium (Tl)	≤0,000002 %
Vanadium (V)	≤0,000001 %
Zinc (Zn)	≤0,00001 %
Tin (Sn)	≤0,00002 %
Zirconium (Zr)	≤0,000002 %

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

This document is computer printout and has therefore not been signed by hand.

S. Lorsee

Head of Quality Management

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