

neoFroxx GmbH

Marie-Curie-Str. 3
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www.neofroxx.com

Specification

Product	Hydrochloric acid 32 % p.A.
Product number	LC-6721
Synonyms	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 %
APHA colour	<= 10
Ammonium (NH ₄)	<= 0.0001 %
Bromide (Br)	<= 0.005 %
Free chlorine	<= 0.00005 %
Phosphate (PO ₄)	<= 0.00005 %
Sulfate (SO ₄)	<= 0.0001 %
Sulfite (SO ₃)	<= 0.0001 %
Silver (Ag)	<= 0.000005 %
Aluminium (Al)	<= 0.000005 %
Arsenic (As)	<= 0.000001 %
Gold (Au)	<= 0.000005 %
Barium (Ba)	<= 0.000002 %
Beryllium (Be)	<= 0.000002 %
Bismuth (Bi)	<= 0.000002 %
Calcium (Ca)	<= 0.00002 %
Cadmium (Cd)	<= 0.000001 %
Cobalt (Co)	<= 0.000001 %
Chromium (Cr)	<= 0.000002 %
Copper (Cu)	<= 0.000002 %

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Iron (Fe)	<= 0.00001 %
Gallium (Ga)	<= 0.000005 %
Germanium (Ge)	<= 0.000002 %
Mercury (Hg)	<= 0.000001 %
Indium (In)	<= 0.000005 %
Potassium (K)	<= 0.00001 %
Lithium (Li)	<= 0.000001 %
Magnesium (Mg)	<= 0.000005 %
Manganese (Mn)	<= 0.000001 %
Molybdenum (Mo)	<= 0.000001 %
Sodium (Na)	<= 0.00002 %
Nickel (Ni)	<= 0.000002 %
Lead (Pb)	<= 0.000001 %
Platinum (Pt)	<= 0.00001 %
Strontium (Sr)	<= 0.000001 %
Titanium (Ti)	<= 0.000002 %
Thallium (Tl)	<= 0.000002 %
Vanadium (V)	<= 0.000001 %

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Product	Hydrochloric acid 32 % p.A.
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Zinc (Zn)	<= 0.000005 %
Zirconium (Zr)	<= 0.000002 %
Residue on ignition (Ash)	<= 0.0005 %

Einhausen, 15.05.2024