

neoFroxx GmbH

Marie-Curie-Str. 3
64683 Einhausen
+49 6251 989 240
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www.neofroxx.com

Specification

Product	Hydrochloric acid 25 % p.A.
Product number	LC-7091
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 (acidim.)	>= 25 %
Colour	<= 10 Hazen
Residue on ignition (Ash)	<= 0.000005 %
Chlorine	<= 0.000001 %
Ammonium (NH ₄)	<= 0.000003 %
Bromide	<= 0.00005 %
Sulfate (SO ₄)	<= 0.000001 %
Sulfite (SO ₃)	<= 0.000001 %
Heavy metals (Pb)	<= 0.000001 %
Aluminium (Al)	<= 0.0000001 %
Arsenic (As)	<= 0.00000001 %
Barium (Ba)	<= 0.00000005 %
Beryllium (Be)	<= 0.00000002 %
Calcium (Ca)	<= 0.0000005 %
Cadmium (Cd)	<= 0.00000001 %
Cobalt (Co)	<= 0.00000001 %
Chromium (Cr)	<= 0.00000002 %
Copper (Cu)	<= 0.00000002 %
Iron (Fe)	<= 0.0000002 %
Potassium (K)	<= 0.0000001 %

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Lithium (Li)	$\leq 0.00000002 \%$
Magnesium (Mg)	$\leq 0.0000001 \%$
Manganese (Mn)	$\leq 0.00000001 \%$
Sodium (Na)	$\leq 0.0000005 \%$
Nickel (Ni)	$\leq 0.00000002 \%$
Lead (Pb)	$\leq 0.00000002 \%$
Strontium (Sr)	$\leq 0.0000001 \%$
Zinc (Zn)	$\leq 0.00000005 \%$

Einhausen, 28.01.2025