

neoFroxx GmbH

Marie-Curie-Str. 3
64683 Einhausen

+49 6251 989 240

coa@neofroxx.com

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 % |

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| Cobalt (Co) | <= 0.000001 % |
| Chromium (Cr) | <= 0.000002 % |
| Copper (Cu) | <= 0.000002 % |
| 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. |
| Parameter | Specification |
| Zinc (Zn) | <= 0.000005 % |
| Zirconium (Zr) | <= 0.000002 % |
| Residue on ignition (Ash) | <= 0.0005 % |

Einhausen, 15.05.2024