

Technical Datasheet

Article No. 892

Hydrochloric acid p. a.
min. 25.0 % HCl

For laboratory use.

| Parameter | Value |
|---------------------|-------------------|
| Appearance | colourless liquid |
| Melting point | ≈ 70 °C |
| Boiling point | 107 °C |
| Density | 1.12 g/ml |
| Mol.-Weight | 36.46 g/mol |
| Residue on ignition | max. 0.0005 % |
| Aluminium (Al) | max. 0.000005 % |
| Arsenic (As) | max. 0.000001 % |
| Barium (Ba) | max. 0.000002 % |
| Beryllium (Be) | max. 0.00002 % |
| Bismuth (Bi) | max. 0.00001 % |
| Calcium (Ca) | max. 0.00005 % |
| Cadmium (Cd) | max. 0.000001 % |
| Cobalt (Co) | max. 0.000001 % |
| Chromium (Cr) | max. 0.000002 % |
| Copper (Cu) | max. 0.000002 % |
| Iron (Fe) | max. 0.00002 % |
| Germanium (Ge) | max. 0.000005 % |
| Potassium (K) | max. 0.00001 % |
| Lithium (Li) | max. 0.000001 % |
| Magnesium (Mg) | max. 0.00001 % |
| Manganese (Mn) | max. 0.000001 % |
| Molybdenum (Mo) | max. 0.000002 % |

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| Sodium (Na) | max. 0.00005 % |
| Nickel (Ni) | max. 0.000002 % |
| Lead (Pb) | max. 0.000002 % |
| Strontium (Sr) | max. 0.000001 % |
| Titanium (Ti) | max. 0.00001 % |
| Thallium (Tl) | max. 0.000005 % |
| Vanadium (V) | max. 0.000001 % |
| Zinc (Zn) | max. 0.000005 % |
| Zirconium (Zr) | max. 0.00001 % |
| Bromide (Br) | max. 0.005 % |
| Free chlorine (Cl ₂) | max. 0.00005 % |
| Phosphate (PO ₄) | max. 0.00005 % |
| Sulfate (SO ₄) | max. 0.0001 % |
| Sulfite (SO ₃) | max. 0.0001 % |
| Ammonium (NH ₄) | max. 0.0001 % |