

## Specification Sheet

Product Name: **Hydrofluoric acid 40%**  
Specifications & Purity: Ph.Eur., Suitable for Analysis, ISO, Premium pure  
SKU #: **H485819**

| Parameter                                  | Limit Values |
|--------------------------------------------|--------------|
| Assay(acidimetric)                         | 40-42 (%)    |
| Chloride (Cl-)                             | 0-1 (ppm)    |
| Color test (APHA)                          | 0-10 (APHA)  |
| Hexafluoroilicate (SiF <sub>6</sub> )      | 0-50 (ppm)   |
| Phosphate(PO <sub>4</sub> )                | 0-0.5 (ppm)  |
| Sulfate and sulphite (as SO <sub>4</sub> ) | 0-5 (ppm)    |
| Arsenic and Antimony(as As)                | 0-0.03 (ppm) |
| Silver(Ag)                                 | 0-0.02 (ppm) |
| Aluminium(Al)                              | 0-0.05 (ppm) |
| Barium(Ba)                                 | 0-0.01 (ppm) |
| Beryllium(Be)                              | 0-0.02 (ppm) |
| Bismuth(Bi)                                | 0-0.02 (ppm) |
| Calcium(Ca)                                | 0-0.2 (ppm)  |
| Cadmium(Cd)                                | 0-0.01 (ppm) |
| Cobalt (Co)                                | 0-0.02 (ppm) |
| Chromium(Cr)                               | 0-0.01 (ppm) |
| Copper(Cu)                                 | 0-0.02 (ppm) |
| Iron(Fe)                                   | 0-0.1 (ppm)  |
| Germanium (Ge)                             | 0-0.02 (ppm) |
| Potassium(K)                               | 0-0.1 (ppm)  |
| Lithium(Li)                                | 0-0.01 (ppm) |
| Magnesium (Mg)                             | 0-0.1 (ppm)  |
| Manganese(Mn)                              | 0-0.03 (ppm) |
| Molybdenum(Mo)                             | 0-0.02 (ppm) |
| Sodium(Na)                                 | 0-0.2 (ppm)  |
| Nickel(Ni)                                 | 0-0.02 (ppm) |
| Lead(Pb)                                   | 0-0.02 (ppm) |
| Strontium(Sr)                              | 0-0.02 (ppm) |
| Titanium(Ti)                               | 0-0.02 (ppm) |
| Thallium(Tl)                               | 0-0.02 (ppm) |
| Vanadium(V)                                | 0-0.02 (ppm) |
| Zinc(Zn)                                   | 0-0.05 (ppm) |



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**Parameter**

Zirconium(Zr)

Heavy metals(as Pb)

Residue on ignition (as sulfate)

**Limit Values**

0-0.02 (ppm)

0-0.5 (ppm)

0-5 (ppm)