



+91.22.22057323  
 +91.84879 47881

## Product Specification

# HYDROFLUORIC ACID ~50%

CAT. NO. : UHP617  
 GRADE : UHP  
 CAS NO. : 7664-39-3  
 FORMULA : HF  
 M.W. : 20.01



|                                        |          |
|----------------------------------------|----------|
| Assay                                  | 50.0%w/w |
| Chlorine (Cl)                          | ≤ 1 ppm  |
| Sulphate & Sulphite (SO <sub>4</sub> ) | ≤ 1 ppm  |
| Phosphate (PO <sub>4</sub> )           | ≤ 1 ppm  |
| Silver (Ag)                            | ≤ 1 ppb  |
| Aluminium (Al)                         | ≤ 5 ppb  |
| Arsenic (As)                           | ≤ 5 ppb  |
| Gold (Au)                              | ≤ 1 ppb  |
| Barium (Ba)                            | ≤ 1 ppb  |
| Beryllium (Be)                         | ≤ 1 ppb  |
| Bismuth (Bi)                           | ≤ 1 ppb  |
| Calcium (Ca)                           | ≤ 10 ppb |
| Cadmium (Cd)                           | ≤ 1 ppb  |
| Cobalt (Co)                            | ≤ 1 ppb  |
| Chromium (Cr)                          | ≤ 1 ppb  |
| Caesium (Cs)                           | ≤ 1 ppb  |
| Copper (Cu)                            | ≤ 1 ppb  |
| Iron (Fe)                              | ≤ 10 ppb |
| Gallium (Ga)                           | ≤ 1 ppb  |
| Germanium (Ge)                         | ≤ 1 ppb  |
| Indium (In)                            | ≤ 1 ppb  |
| Potassium (K)                          | ≤ 10 ppb |
| Lithium (Li)                           | ≤ 1 ppb  |

DATE: 01.07.2025

**Remarks:** The above-mentioned batch material is compliance with the standard specifications of High Purity Laboratory Chemicals Pvt. Ltd.



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|                 |          |
|-----------------|----------|
| Magnesium (Mg)  | ≤ 5 ppb  |
| Manganese (Mn)  | ≤ 1 ppb  |
| Molybdenum (Mo) | ≤ 1 ppb  |
| Sodium (Na)     | ≤ 10 ppb |
| Nickel (Ni)     | ≤ 1 ppb  |
| Lead (Pb)       | ≤ 2 ppb  |
| Rubidium (Rb)   | ≤ 1 ppb  |
| Selenium (Se)   | ≤ 10 ppb |
| Tin (Sn)        | ≤ 1 ppb  |
| Strontium (Sr)  | ≤ 1 ppb  |
| Titanium (Ti)   | ≤ 5 ppb  |
| Thallium (Tl)   | ≤ 1 ppb  |
| Vanadium (V)    | ≤ 1 ppb  |
| Zinc (Zn)       | ≤ 2 ppb  |
| Zirconium (Zr)  | ≤ 1 ppb  |

ISO 9001:2015 CERTIFIED



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