



Material	450034N
Material description	Hydrofluoric acid 40%
Grade	ARISTAR
CAS Number	7664-39-3
Molecular formula	HF
Molecular mass	20.01

Characteristics	Specifications
Assay (acidimetric)	≥ 40.0 %
Colour	≤ 10 APHA
Cl (Chloride)	≤ 0.5 ppm
SiF ₆ (Hexafluorosilicate)	≤ 20 ppm
PO ₄ (Phosphate)	≤ 0.1 ppm
SO ₄ (Sulphate)	≤ 0.5 ppm
SO ₃ (Sulphite)	≤ 2 ppm
Ag (Silver)	≤ 0.001 ppm
Al (Aluminium)	≤ 0.005 ppm
Au (Gold)	≤ 0.002 ppm
As (Arsenic)	≤ 0.02 ppm
Ba (Barium)	≤ 0.010 ppm
Be (Beryllium)	≤ 0.001 ppm
Bi (Bismuth)	≤ 0.001 ppm
Ca (Calcium)	≤ 0.010 ppm
Cd (Cadmium)	≤ 0.002 ppm
Co (Cobalt)	≤ 0.002 ppm
Cr (Chromium)	≤ 0.001 ppm
Cu (Copper)	≤ 0.001 ppm
Fe (Iron)	≤ 0.010 ppm
Ga (Gallium)	≤ 0.005 ppm
Ge (Germanium)	≤ 0.002 ppm
Hg (Mercury)	≤ 0.020 ppm
In (Indium)	≤ 0.002 ppm
K (Potassium)	≤ 0.010 ppm
Li (Lithium)	≤ 0.001 ppm
Mg (Magnesium)	≤ 0.005 ppm
Mn (Manganese)	≤ 0.002 ppm
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Characteristics	Specifications
Mo (Molybdenum)	≤ 0.001 ppm
Na (Sodium)	≤ 0.010 ppm
Ni (Nickel)	≤ 0.001 ppm
Pb (Lead)	≤ 0.002 ppm
Sn (Tin)	≤ 0.001 ppm
Sr (Strontium)	≤ 0.001 ppm
Ti (Titanium)	≤ 0.010 ppm
Tl (Thallium)	≤ 0.001 ppm
V (Vanadium)	≤ 0.001 ppm
Zn (Zinc)	≤ 0.005 ppm
Zr (Zirconium)	≤ 0.001 ppm
Ignition residue (SO ₄)	≤ 2 ppm

Signature

We certify that this batch conforms to the specifications listed above.

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