

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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For Professional use in Laboratory or Manufacturing. Not for use as an Active Pharmaceutical Ingredient or Food or Animal Feed. Suitability and intended use of the product remains the responsibility of the user.



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.

This document has been produced electronically and is valid without a signature.

