



Specification

1.00338.0000 Hydrofluoric acid 40% for analysis EMSURE® ISO,Reag. Ph Eur

Specification		
Assay (acidimetric)	40.0 - 42.0	%
Chloride (Cl)	≤ 1	ppm
Color	≤ 10	Hazen
Hexafluorosilicate (SiF ₆)	≤ 50	ppm
Phosphate (PO ₄)	≤ 0.5	ppm
Sulfate and sulphite (as SO ₄)	≤ 5	ppm
Arsenic and Antimony (as As)	≤ 0.03	ppm
Ag (Silver)	≤ 0.02	ppm
Al (Aluminium)	≤ 0.05	ppm
Ba (Barium)	≤ 0.01	ppm
Be (Beryllium)	≤ 0.02	ppm
Bi (Bismuth)	≤ 0.02	ppm
Ca (Calcium)	≤ 0.2	ppm
Cd (Cadmium)	≤ 0.01	ppm
Co (Cobalt)	≤ 0.02	ppm
Cr (Chromium)	≤ 0.01	ppm
Cu (Copper)	≤ 0.02	ppm
Fe (Iron)	≤ 0.1	ppm
Ge (Germanium)	≤ 0.02	ppm
K (Potassium)	≤ 0.1	ppm
Li (Lithium)	≤ 0.01	ppm
Mg (Magnesium)	≤ 0.1	ppm
Mn (Manganese)	≤ 0.03	ppm
Mo (Molybdenum)	≤ 0.02	ppm
Na (Sodium)	≤ 0.2	ppm
Ni (Nickel)	≤ 0.02	ppm
Pb (Lead)	≤ 0.02	ppm
Sr (Strontium)	≤ 0.02	ppm
Ti (Titanium)	≤ 0.02	ppm
Tl (Thallium)	≤ 0.02	ppm
V (Vanadium)	≤ 0.02	ppm
Zn (Zinc)	≤ 0.05	ppm
Zr (Zirconium)	≤ 0.02	ppm
Heavy metals (as Pb)	≤ 0.5	ppm
Residue on ignition (as sulfate)	≤ 5	ppm

Dr. Manuel Schaffroth

Responsible laboratory manager quality control

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