



Electronic Chemicals, Inc.

Product Information: Hydrofluoric Acid 49%

CLEANROOM® MB GRADE

Standard Package Information

Container Type:	Drum
Fill Weight kg	230 kg

Contaminants	specifications		
	HF	48.8 - 49.2	%
Color	APHA	< 10	AP
Fluosilicic Acid		< 50	ppm
Chloride	Cl	< 2000	ppb
Nitrate	NO ₃	< 1000	ppb
Phosphate	PO ₄	< 400	ppb
Sulfate	SO ₄	< 500	ppb
Aluminum	Al ⁺	< 10	ppb
Antimony	Sb	< 5	ppb
Arsenic	As	< 5	ppb
Barium	Ba	< 10	ppb
Beryllium	Be	< 5	ppb
Bismuth	Bi	< 5	ppb
Boron	B	< 10	ppb
Cadmium	Cd	< 10	ppb
Calcium	Ca	< 10	ppb
Chromium	Cr	< 10	ppb
Cobalt	Co	< 10	ppb
Copper	Cu	< 10	ppb
Gallium	Ga	< 10	ppb
Germanium	Ge	< 10	ppb
Gold	Au	< 5	ppb
Iron	Fe	< 10	ppb
Lead	Pb	< 10	ppb
Lithium	Li	< 5	ppb
Magnesium	Mg	< 10	ppb
Manganese	Mn	< 10	ppb
Molybdenum	Mo	< 10	ppb
Nickel	Ni	< 10	ppb
Niobium	Nb	< 10	ppb
Potassium	K	< 10	ppb
Silver	Ag	< 5	ppb
Sodium	Na	< 10	ppb
Strontium	Sr	< 10	ppb
Tantalum	Ta	< 10	ppb
Thallium	Tl	< 10	ppb
Tin	Sn	< 10	ppb
Titanium	Ti	< 10	ppb
Vanadium	V	< 10	ppb
Zinc	Zn	< 10	ppb
Zirconium	Zr	< 10	ppb
0.5 Micron Particle Count		< 150	Par/ml
1.0 Micron Particle Count		< 25	Par/ml

H
Y
D
R
O
F
L
U
O
R
I
C
A
C
I
D