



Electronic Chemicals, Inc.

Product Information: Hydrofluoric Acid 49%

GIGABIT® GRADE

Standard Package Information	
Container Type:	Drum
Fill Weight kg	230 KG

Contaminants		specifications ppmv
Assay	HF	48.8 - 49.2 %
Color	APHA	< 5 AP
Fluosilicic Acid		< 50 ppm
Chloride	Cl	< 50 ppb
Nitrate	NO3	< 100 ppb
Phosphate	PO4	< 50 ppb
Sulfate	SO4	< 50 ppb
Aluminum	Al	< 1 ppb
Antimony	Sb	< 1 ppb
Arsenic	As	< 1 ppb
Barium	Ba	< 1 ppb
Beryllium	Be	< 1 ppb
Bismuth	Bi	< 1 ppb
Boron	B	< 1 ppb
Cadmium	Cd	< 1 ppb
Calcium	Ca	< 1 ppb
Chromium	Cr	< 1 ppb
Cobalt	Co	< 1 ppb
Copper	Cu	< 1 ppb
Gallium	Ga	< 1 ppb
Germanium	Ge	< 1 ppb
Gold	Au	< 1 ppb
Iron	Fe	< 1 ppb
Lead	Pb	< 1 ppb
Lithium	Li	< 1 ppb
Magnesium	Mg	< 1 ppb
Manganese	Mn	< 1 ppb
Molybdenum	Mo	< 1 ppb
Nickel	Ni	< 1 ppb
Niobium	Nb	< 1 ppb
Potassium	K	< 1 ppb
Silver	Ag	< 1 ppb
Sodium	Na	< 1 ppb
Strontium	Sr	< 1 ppb
Tantalum	Ta	< 1 ppb
Thallium	Tl	< 1 ppb
Tin	Sn	< 1 ppb
Titanium	Ti	< 1 ppb
Vanadium	V	< 1 ppb
Zinc	Zn	< 1 ppb
Zirconium	Zr	< 1 ppb
0.2 Micron Particle Count		< 350 Par/ml
0.5 Micron Particle Count		< 150 Par/ml
1.0 Micron Particle Count		< 25 Par/ml

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