



Electronic Chemicals, Inc.

Product Information: Ammonium Fluoride 40%

CLEANROOM® MB GRADE

Standard Package Information

Container Type:	Drum
Fill Weight kg	220 kg

Contaminants		specifications	
Assay	NH ₄ F	39 - 41	%
Color	APHA	< 10	AP
pH of 1% solution		< 7	pH
Chloride	Cl	< 2500	ppb
Nitrate	NO ₃	< 5000	ppb
Phosphate	PO ₄	< 500	ppb
Sulfate	SO ₄	< 1000	ppb
Aluminum	Al	< 10	ppb
Antimony	Sb	< 5	ppb
Arsenic	As	< 5	ppb
Barium	Ba	< 10	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	< 10	ppb
Iron	Fe	< 10	ppb
Lead	Pb	< 10	ppb
Lithium	Li	< 10	ppb
Magnesium	Mg	< 10	ppb
Manganese	Mn	< 10	ppb
Nickel	Ni	< 10	ppb
Potassium	K	< 10	ppb
Silver	Ag	< 10	ppb
Sodium	Na	< 10	ppb
Strontium	Sr	< 10	ppb
Tin	Sn	< 10	ppb
Titanium	Ti	< 10	ppb
Zinc	Zn	< 10	ppb
0.2 Micron Particle Count		< 1500	Par/ml
0.3 Micron Particle Count		< 1500	Par/ml
0.5 Micron Particle Count		< 200	Par/ml
1.0 Micron Particle Count		< 20	Par/ml

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