



Specification Report

Printed on: 5-Nov-12

404-063915 Standard

Item Code: 404-063915
Description: Ammonium Fluoride 40% Cleanroom® MB
Container: POLY BOTTLE
Approved on: 25-Aug-2010

Ship to: 404-063915 Standard
Specification: Standard
Revision: 2
Part Number: 404-063915

<u>Parameter</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>
Assay (NH ₄ F)	40.00	41.00	%
Color		10	APHA
Appearance			
pH of 1% solution	6.00	7.00	
Chloride (Cl)		2,000	ppb
Nitrate (NO ₃)		3,000	ppb
Phosphate (PO ₄)		200	ppb
Sulfate (SO ₄)		1,000	ppb
Aluminum (Al)		10.00	ppb
Antimony (Sb)		5.00	ppb
Arsenic (As)		5.00	ppb
Barium (Ba)		2.00	ppb
Beryllium (Be)		1.00	ppb
Bismuth (Bi)		1.00	ppb
Boron (B)		5.00	ppb
Cadmium (Cd)		1.00	ppb
Calcium (Ca)		10.00	ppb
Chromium (Cr)		3.00	ppb
Cobalt (Co)		1.00	ppb
Copper (Cu)		1.00	ppb

<u>Parameter</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>
Gallium (Ga)		1.00	ppb
Germanium (Ge)		5.00	ppb
Gold (Au)		5.00	ppb
Iron (Fe)		10.00	ppb
Lead (Pb)		5.00	ppb
Lithium (Li)		1.00	ppb
Magnesium (Mg)		5.00	ppb
Manganese (Mn)		1.00	ppb
Molybdenum (Mo)		1.00	ppb
Nickel (Ni)		5.00	ppb
Niobium (Nb)		1.00	ppb
Potassium (K)		6.00	ppb
Silver (Ag)		1.00	ppb
Sodium (Na)		7.00	ppb
Strontium (Sr)		1.00	ppb
Tantalum (Ta)		3.00	ppb
Thallium (Tl)		5.00	ppb
Tin (Sn)		5.00	ppb
Titanium (Ti)		1.00	ppb
Vanadium (V)		1.00	ppb
Zinc (Zn)		5.00	ppb
Zirconium (Zr)		1.00	ppb
0.2µ Particle Count		1,500	par/ml
0.3µ Particle Count		1,500	par/ml
0.5µ Particle Count		50	par/ml
1.0µ Particle Count		10	par/ml