



Specification Report

Printed on: 5-Nov-12

444-137308 Standard

Item Code: 444-137308
Description: Pad Etch 1 NP w/Surf
Container: POLY BOTTLE
Approved on: 24-Sep-2008

Ship to: 444-137308 Standard
Specification: Standard
Revision: 1
Part Number: 444-137308

<u>Parameter</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>
Assay (CH ₃ COOH)	32.50	33.50	%
Assay (NH ₄ F)	13.35	13.95	%
Color		10	APHA
Appearance			
Surface Tension		37	dynes/cm
Heavy Metals		500	ppb
Aluminum (Al)	500	3,000	ppb
Antimony (Sb)		5	ppb
Arsenic (As)		5	ppb
Barium (Ba)		500	ppb
Bismuth (Bi)		1,000	ppb
Boron (B)		3,000	ppb
Cadmium (Cd)		500	ppb
Calcium (Ca)		300	ppb
Chromium (Cr)		200	ppb
Cobalt (Co)		500	ppb
Copper (Cu)		100	ppb
Gallium (Ga)		500	ppb
Germanium (Ge)		500	ppb
Gold (Au)		100	ppb

<u>Parameter</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>
Iron (Fe)		200	ppb
Lead (Pb)		500	ppb
Lithium (Li)		1,000	ppb
Magnesium (Mg)		300	ppb
Manganese (Mn)		300	ppb
Molybdenum (Mo)		1,000	ppb
Nickel (Ni)		300	ppb
Potassium (K)		300	ppb
Silver (Ag)		500	ppb
Sodium (Na)		300	ppb
Strontium (Sr)		1,000	ppb
Tin (Sn)		300	ppb
Zinc (Zn)		300	ppb
0.5 μ Particle Count		200	par/ml
1.0 μ Particle Count		25	par/ml