



# Specification Report

Printed on: 5-Nov-12

## 408-040890 Standard

Item Code: 408-040890  
Description: Ultra Etch® NP 500:1  
Container: POLY BOTTLE  
Approved on: 23-Sep-2008

Ship to: 408-040890 Standard  
Specification: Standard  
Revision: 1  
Part Number: 408-040890

<u>Parameter</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>
Assay (HF)	0.090	0.120	%
Assay (NH4F)	39.40	40.40	%
Color		10	APHA
Appearance			
Surface Tension		27	dynes/cm
Chloride (Cl)		1,000	ppb
Nitrate (NO3)		5,000	ppb
Phosphate (PO4)		200	ppb
Sulfate (SO4)		1,000	ppb
Aluminum (Al)		10.00	ppb
Antimony (Sb)		1.00	ppb
Arsenic (As)		1.00	ppb
Barium (Ba)		1.00	ppb
Boron (B)		5.00	ppb
Cadmium (Cd)		5.00	ppb
Calcium (Ca)		10.00	ppb
Chromium (Cr)		1.00	ppb
Cobalt (Co)		5.00	ppb
Copper (Cu)		1.00	ppb
Gallium (Ga)		1.00	ppb

<u>Parameter</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>
Germanium (Ge)		1.00	ppb
Gold (Au)		1.00	ppb
Iron (Fe)		10.00	ppb
Lead (Pb)		1.00	ppb
Lithium (Li)		1.00	ppb
Magnesium (Mg)		1.00	ppb
Manganese (Mn)		1.00	ppb
Nickel (Ni)		1.00	ppb
Potassium (K)		5.00	ppb
Silver (Ag)		1.00	ppb
Sodium (Na)		5.00	ppb
Strontium (Sr)		1.00	ppb
Titanium (Ti)		10.00	ppb
Zinc (Zn)		1.00	ppb
0.5µ Particle Count		150	par/ml
1.0µ Particle Count		50	par/ml