



Specification Report

Printed on: 5-Nov-12

457-200536 Standard

Item Code: 457-200536
Description: Smooth Etch
Container: ENTEGRIS PFA
Approved on: 18-Aug-2010

Ship to: 457-200536 Standard
Specification: Standard
Revision: 1
Part Number: 457-200536

<u>Parameter</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>
Assay (HF)	2.90	4.90	%
Assay (HNO3)	38.00	41.00	%
Assay (H3PO4)	18.30	20.30	%
Assay (H2SO4)	10.90	12.90	%
Total Acidity	13.44	15.73	meq/g
Appearance			
Aluminum (Al)		50.0	ppb
Antimony (Sb)		700.0	ppb
Arsenic (As)		10.0	ppb
Barium (Ba)		20.0	ppb
Cadmium (Cd)		20.0	ppb
Calcium (Ca)		500.0	ppb
Chromium (Cr)		50.0	ppb
Cobalt (Co)		20.0	ppb
Copper (Cu)		20.0	ppb
Iron (Fe)		300.0	ppb
Lead (Pb)		20.0	ppb
Lithium (Li)		20.0	ppb
Magnesium (Mg)		50.0	ppb
Manganese (Mn)		20.0	ppb

<u>Parameter</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>
Molybdenum (Mo)		20.0	ppb
Nickel (Ni)		50.0	ppb
Potassium (K)		50.0	ppb
Silver (Ag)		20.0	ppb
Sodium (Na)		200.0	ppb
Strontium (Sr)		20.0	ppb
Tin (Sn)		20.0	ppb
Titanium (Ti)		20.0	ppb
Vanadium (V)		20.0	ppb
Zinc (Zn)		50.0	ppb
0.5µ Particle Count		200	par/ml
1.0µ Particle Count		100	par/ml