



# Specification Report

Printed on: 5-Nov-12

## 407-062048 Standard

Item Code: 407-062048  
Description: Aluminum Etch 16:1:1:2  
Container: POLY BOTTLE  
Approved on: 9-Jul-2009

Ship to: 407-062048 Standard  
Specification: Standard  
Revision: 1  
Part Number: 407-062048

<u>Parameter</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>
Assay (H3PO4)	71.90	73.90	%
Assay (HNO3)	2.70	3.70	%
Assay (CH3COOH)	2.80	3.80	%
Total Acidity	15.500	16.500	meq/g
Assay (H2O)	18.60	22.60	%
Appearance			
Chloride (Cl)		800	ppb
Sulfate (SO4)		8,000	ppb
Fluoride (F)		5,000	ppb
Heavy Metals		5,000	ppb
Aluminum (Al)		400	ppb
Antimony (Sb)		6,000	ppb
Arsenic (As)		100	ppb
Calcium (Ca)		700	ppb
Cobalt (Co)		100	ppb
Copper (Cu)		100	ppb
Iron (Fe)		1,200	ppb
Lead (Pb)		100	ppb
Lithium (Li)		100	ppb
Magnesium (Mg)		100	ppb

<u>Parameter</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>
Manganese (Mn)		100	ppb
Nickel (Ni)		250	ppb
Potassium (K)		200	ppb
Sodium (Na)		700	ppb
Strontium (Sr)		200	ppb
0.5µ Particle Count		150	par/ml
1.0µ Particle Count		25	par/ml