



# Specification Report

Printed on: 5-Nov-12

## 432-062027 Standard

Item Code: 432-062027  
Description: Mixed Acid Etchant 2:1:1  
Container: POLY BOTTLE  
Approved on: 24-Sep-2008

Ship to: 432-062027 Standard  
Specification: Standard  
Revision: 1  
Part Number: 432-062027

| <u>Parameter</u> | <u>Min</u> | <u>Max</u> | <u>Units</u> |
|------------------|------------|------------|--------------|
| Assay (HF)       | 10.70      | 11.70      | %            |
| Assay (HNO3)     | 38.50      | 39.50      | %            |
| Assay (CH3COOH)  | 20.40      | 21.40      | %            |
| Appearance       |            |            |              |
| Aluminum (Al)    |            | 100.0      | ppb          |
| Antimony (Sb)    |            | 10.0       | ppb          |
| Arsenic (As)     |            | 10.0       | ppb          |
| Barium (Ba)      |            | 100.0      | ppb          |
| Boron (B)        |            | 50.0       | ppb          |
| Cadmium (Cd)     |            | 100.0      | ppb          |
| Calcium (Ca)     |            | 100.0      | ppb          |
| Chromium (Cr)    |            | 100.0      | ppb          |
| Cobalt (Co)      |            | 100.0      | ppb          |
| Copper (Cu)      |            | 50.0       | ppb          |
| Gallium (Ga)     |            | 100.0      | ppb          |
| Germanium (Ge)   |            | 100.0      | ppb          |
| Gold (Au)        |            | 100.0      | ppb          |
| Iron (Fe)        |            | 100.0      | ppb          |
| Lead (Pb)        |            | 100.0      | ppb          |
| Lithium (Li)     |            | 100.0      | ppb          |

| <u>Parameter</u>    | <u>Min</u> | <u>Max</u> | <u>Units</u> |
|---------------------|------------|------------|--------------|
| Magnesium (Mg)      |            | 100.0      | ppb          |
| Manganese (Mn)      |            | 100.0      | ppb          |
| Nickel (Ni)         |            | 50.0       | ppb          |
| Potassium (K)       |            | 100.0      | ppb          |
| Silver (Ag)         |            | 100.0      | ppb          |
| Sodium (Na)         |            | 150.0      | ppb          |
| Strontium (Sr)      |            | 100.0      | ppb          |
| Tin (Sn)            |            | 100.0      | ppb          |
| Titanium (Ti)       |            | 125.0      | ppb          |
| Zinc (Zn)           |            | 100.0      | ppb          |
| 0.5µ Particle Count |            | 150        | par/ml       |
| 1.0µ Particle Count |            | 10         | par/ml       |