# Product Information: Aluminum Etch 16:1:1:2

## Standard Package Information

<table>
<thead>
<tr>
<th>Container Type:</th>
<th>Drum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fill Weight kg</td>
<td>320 kg</td>
</tr>
</tbody>
</table>

## Contaminants

<table>
<thead>
<tr>
<th>Contaminants</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assay HNO₃</td>
<td>2.7 - 3.7 %</td>
</tr>
<tr>
<td>Assay H₃PO₄</td>
<td>71.9 - 73.9 %</td>
</tr>
<tr>
<td>Assay CH₃COOH</td>
<td>2.8 - 3.8 %</td>
</tr>
<tr>
<td>Water H₂O</td>
<td>18.6 - 22.6 %</td>
</tr>
<tr>
<td>Total Acidity</td>
<td>15.5 - 16.5 MEQG</td>
</tr>
<tr>
<td>Chloride Cl</td>
<td>&lt; 800 ppb</td>
</tr>
<tr>
<td>Sulfate SO₄</td>
<td>&lt; 8000 ppb</td>
</tr>
<tr>
<td>Fluoride (F⁻)</td>
<td>&lt; 5000 ppb</td>
</tr>
<tr>
<td>Heavy Metals</td>
<td>&lt; 5000 ppb</td>
</tr>
<tr>
<td>Aluminum Al</td>
<td>&lt; 400 ppb</td>
</tr>
<tr>
<td>Antimony Sb</td>
<td>&lt; 6000 ppb</td>
</tr>
<tr>
<td>Arsenic As</td>
<td>&lt; 100 ppb</td>
</tr>
<tr>
<td>Calcium Ca</td>
<td>&lt; 700 ppb</td>
</tr>
<tr>
<td>Cobalt Co</td>
<td>&lt; 100 ppb</td>
</tr>
<tr>
<td>Copper Cu</td>
<td>&lt; 100 ppb</td>
</tr>
<tr>
<td>Iron Fe</td>
<td>&lt; 1200 ppb</td>
</tr>
<tr>
<td>Lead Pb</td>
<td>&lt; 100 ppb</td>
</tr>
<tr>
<td>Lithium Li</td>
<td>&lt; 100 ppb</td>
</tr>
<tr>
<td>Magnesium Mg</td>
<td>&lt; 100 ppb</td>
</tr>
<tr>
<td>Manganese Mn</td>
<td>&lt; 100 ppb</td>
</tr>
<tr>
<td>Nickel Ni</td>
<td>&lt; 250 ppb</td>
</tr>
<tr>
<td>Potassium K</td>
<td>&lt; 200 ppb</td>
</tr>
<tr>
<td>Sodium Na</td>
<td>&lt; 700 ppb</td>
</tr>
<tr>
<td>Strontium Sr</td>
<td>&lt; 200 ppb</td>
</tr>
<tr>
<td>0.5 Micron Particle Count</td>
<td>&lt; 200 Par/ml</td>
</tr>
<tr>
<td>1.0 Micron Particle Count</td>
<td>&lt; 25 Par/ml</td>
</tr>
</tbody>
</table>