# Specification Sheet

Magnesium Nanopowder  
(Mg, Purity: >99%, APS: 20-30nm)  
Stock No: NS6130-01-192, CAS: 7439-95-4

<table>
<thead>
<tr>
<th>Product</th>
<th>Magnesium Nanopowder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock No</td>
<td>NS6130-01-192</td>
</tr>
<tr>
<td>CAS</td>
<td>7439-95-4</td>
</tr>
<tr>
<td>Purity</td>
<td>&gt;99%</td>
</tr>
<tr>
<td>APS</td>
<td>20-30 nm</td>
</tr>
<tr>
<td>Molecular Formula</td>
<td>Mg</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>24.31 g/mol</td>
</tr>
<tr>
<td>Form</td>
<td>Powder</td>
</tr>
<tr>
<td>Color</td>
<td>Gray</td>
</tr>
<tr>
<td>Density</td>
<td>1.73 g/cm³</td>
</tr>
<tr>
<td>Melting Point</td>
<td>650 °C</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>1091 °C</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>Main Inspect Verifier</td>
<td>Manager QC</td>
</tr>
</tbody>
</table>

**Note:** Product Specification are subject to amendment and may change over time
Characterization of Magnesium Nanopowder

SEM - Magnesium Nanopowder

Particles Size Analysis - Mg Nanoparticles