Specification Sheet

Nickel Nanoparticles
(Ni, Purity: 99.9%, APS: < 80 nm, Metal basis)
Stock No: NS6130-01-137, CAS: 7440-02-0

<table>
<thead>
<tr>
<th><strong>Product</strong></th>
<th><strong>Nickel Nanoparticles</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Stock No</strong></td>
<td>NS6130-01-137</td>
</tr>
<tr>
<td><strong>CAS</strong></td>
<td>7440-02-0</td>
</tr>
<tr>
<td><strong>Purity</strong></td>
<td>99.9%</td>
</tr>
<tr>
<td><strong>APS</strong></td>
<td>&lt; 80 nm</td>
</tr>
<tr>
<td><strong>Molecular Formula</strong></td>
<td>Ni</td>
</tr>
<tr>
<td><strong>Molecular Weight</strong></td>
<td>58.69 g/mol</td>
</tr>
<tr>
<td><strong>Form</strong></td>
<td>Powder</td>
</tr>
<tr>
<td><strong>Color</strong></td>
<td>Grey to Black</td>
</tr>
<tr>
<td><strong>Density</strong></td>
<td>8.9 g/cm³</td>
</tr>
<tr>
<td><strong>Melting Point</strong></td>
<td>1455 °C</td>
</tr>
<tr>
<td><strong>Boiling Point</strong></td>
<td>2730 °C</td>
</tr>
<tr>
<td><strong>Solubility</strong></td>
<td>Insoluble in water</td>
</tr>
<tr>
<td><strong>Main Inspect Verifier</strong></td>
<td>Manager QC</td>
</tr>
</tbody>
</table>

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

SEM - Nickel Nanoparticles

Particles Size Analysis - Ni Nanopowder
Nickel Nanoparticles