**Specification Sheet**

Silver Nanoparticle in Medicine  
(Ag, Purity: 99.9%, APS: 30-50nm, Metal basis)  
Stock No: NS6130-01-103, CAS: 7440-22-4

<table>
<thead>
<tr>
<th><strong>Product</strong></th>
<th><strong>Silver Nanopowder</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Stock No</strong></td>
<td>NS6130-01-103</td>
</tr>
<tr>
<td><strong>CAS</strong></td>
<td>7440-22-4</td>
</tr>
<tr>
<td><strong>Purity</strong></td>
<td>99.9%</td>
</tr>
<tr>
<td><strong>APS</strong></td>
<td>30-50nm</td>
</tr>
<tr>
<td><strong>Molecular Formula</strong></td>
<td>Ag</td>
</tr>
<tr>
<td><strong>Molecular Weight</strong></td>
<td>107.87 g/mol</td>
</tr>
<tr>
<td><strong>Form</strong></td>
<td>Powder</td>
</tr>
<tr>
<td><strong>Color</strong></td>
<td>Dark Gray</td>
</tr>
<tr>
<td><strong>Density</strong></td>
<td>10.49 g/cm³</td>
</tr>
<tr>
<td><strong>Melting Point</strong></td>
<td>960.8 °C</td>
</tr>
<tr>
<td><strong>Boiling Point</strong></td>
<td>2162 °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 Silver Nanoparticle in Medicine

SEM - Silver Nanoparticles

Particles Size Analysis