# Specification Sheet

Platinum Nano Powder  
(Pt, Purity: 99.9%, APS: < 80nm)  
Stock No: NS6130-01-151, CAS: 7440-06-4

<table>
<thead>
<tr>
<th>Product</th>
<th>Platinum Nano Powder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock No</td>
<td>NS6130-01-151</td>
</tr>
<tr>
<td>CAS</td>
<td>7440-06-4</td>
</tr>
<tr>
<td>Purity</td>
<td>99.9 %</td>
</tr>
<tr>
<td>APS</td>
<td>&lt; 80 nm</td>
</tr>
<tr>
<td>Molecular Formula</td>
<td>Pt</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>195.084 g/mol</td>
</tr>
<tr>
<td>Form</td>
<td>Powder</td>
</tr>
<tr>
<td>Color</td>
<td>Black</td>
</tr>
<tr>
<td>Density</td>
<td>21.45 g/cm³</td>
</tr>
<tr>
<td>Melting Point</td>
<td>1768.3 °C</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>3825 °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 Platinum Nano Powder

TEM - Platinum Nano Powder

Particles Size Analysis - Pt Nanoparticles