Specification Sheet

Copper Nanopowder
(Cu, Purity: 99.9%, APS: < 20nm, Metal Basis)
Stock No: NS6130-01-130, CAS: 7440-50-8

<table>
<thead>
<tr>
<th>Product</th>
<th>Copper Nanopowder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock No</td>
<td>NS6130-01-130</td>
</tr>
<tr>
<td>CAS</td>
<td>7440-50-8</td>
</tr>
<tr>
<td>Purity</td>
<td>99.9%</td>
</tr>
<tr>
<td>APS</td>
<td>&lt; 20 nm</td>
</tr>
<tr>
<td>Molecular Formula</td>
<td>Cu</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>63.546 g/mol</td>
</tr>
<tr>
<td>Form</td>
<td>Powder</td>
</tr>
<tr>
<td>Color</td>
<td>Dark Brown/Very Dark Brown</td>
</tr>
<tr>
<td>Density</td>
<td>8.96 g/cm³</td>
</tr>
<tr>
<td>Melting Point</td>
<td>1084.6 °C</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>2562 °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 Copper Nanopowder

SEM - Copper Nanopowder

Particles Size Analysis - Cu Nanoparticles