### Specification Sheet

Carbon Black Nanopowder  
(C, Purity: 99.9%, APS: 100nm)  
Stock No: NS6130-03-396, CAS: 1333-86-4

<table>
<thead>
<tr>
<th>Product</th>
<th>Carbon Black Nanopowder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock No</td>
<td>NS6130-03-396</td>
</tr>
<tr>
<td>CAS</td>
<td>1333-86-4</td>
</tr>
<tr>
<td>Purity</td>
<td>99.9%</td>
</tr>
<tr>
<td>APS</td>
<td>100nm</td>
</tr>
<tr>
<td>Molecular Formula</td>
<td>C</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>12.01 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>1.8-2.1 g/cm³</td>
</tr>
<tr>
<td>Melting Point</td>
<td>3697 °C</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>4200 °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 Carbon Black Nanopowder

Particles Size Analysis
Carbon Black Nanopowder