Specification Sheet

ZnSe ZnS Quantum Dot
(Purity: 99.9 %, 405nm)
Stock No: NS6130-12-000102, CAS: 1315-09-9

<table>
<thead>
<tr>
<th>Product</th>
<th>Zinc Selenide /Zinc Sulphide</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock No.</td>
<td>NS6130-12-000102</td>
</tr>
<tr>
<td>CAS</td>
<td>1315-09-9</td>
</tr>
<tr>
<td>Purity</td>
<td>99.9%</td>
</tr>
<tr>
<td>Composition</td>
<td>ZnSe/ZnS</td>
</tr>
<tr>
<td>Emission Peak</td>
<td>405nm</td>
</tr>
<tr>
<td>Quantum Yield</td>
<td>60-90%</td>
</tr>
<tr>
<td>Average Particle Size (FWHM)</td>
<td>12-18nm</td>
</tr>
<tr>
<td>Solvent</td>
<td>Toluene</td>
</tr>
<tr>
<td>Application</td>
<td>QD-LED Application</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 ZnSe ZnS Quantum Dot

ZnSe ZnS Quantum Dot – 405nm