Product Name: Rhodamine B base – Dye content 97%

<table>
<thead>
<tr>
<th>Test</th>
<th>Specification</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance (Form)</td>
<td>Powder or Chunks</td>
<td>Powder</td>
</tr>
<tr>
<td>Infrared Spectrum</td>
<td>Conforms to Structure</td>
<td>Conforms</td>
</tr>
<tr>
<td>Wavelength</td>
<td>542 - 546 nm</td>
<td>545 nm</td>
</tr>
<tr>
<td>Extinction Coefficient</td>
<td>≥ 10000</td>
<td>109852</td>
</tr>
<tr>
<td>Carbon</td>
<td>73.3 - 78.6 %</td>
<td>75.6 %</td>
</tr>
<tr>
<td>Nitrogen</td>
<td>6.1 - 6.6 %</td>
<td>6.4 %</td>
</tr>
<tr>
<td>Purity (HPLC)</td>
<td>≥ 96.5 %</td>
<td>99.2 %</td>
</tr>
<tr>
<td>Solubility (Turbidity)</td>
<td>Clear to Slightly Hazy</td>
<td>Very Slightly Hazy</td>
</tr>
<tr>
<td>Solubility (Color)</td>
<td>Orange and Red to Dark Red and Orange-Red and Red-Orange</td>
<td>Red-Orange</td>
</tr>
</tbody>
</table>

Michael Grady, Manager
Quality Control
Milwaukee, WI US

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