Product Name: Endothelin 1 - ≥97% (HPLC), powder

<table>
<thead>
<tr>
<th><strong>Product Number:</strong></th>
<th>E7764</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Batch Number:</strong></td>
<td>109M4878V</td>
</tr>
<tr>
<td><strong>Brand:</strong></td>
<td>SIGMA</td>
</tr>
<tr>
<td><strong>CAS Number:</strong></td>
<td>117399-94-7</td>
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<tr>
<td><strong>Formula:</strong></td>
<td>C109H159N25O32S5</td>
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<tr>
<td><strong>Formula Weight:</strong></td>
<td>2,491.90 g/mol</td>
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<tr>
<td><strong>Storage Temperature:</strong></td>
<td>Store at -20 °C</td>
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<tr>
<td><strong>Quality Release Date:</strong></td>
<td>03 OCT 2019</td>
</tr>
<tr>
<td><strong>Recommended Retest Date:</strong></td>
<td>OCT 2024</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Test</strong></th>
<th><strong>Specification</strong></th>
<th><strong>Result</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance (Form)</td>
<td>Powder</td>
<td>Powder</td>
</tr>
<tr>
<td>Appearance (Color)</td>
<td>White</td>
<td>White</td>
</tr>
<tr>
<td>Solubility (Solvent)</td>
<td>Water</td>
<td>Water</td>
</tr>
<tr>
<td>Solubility (Conc)</td>
<td>1.00 - 1.04 mg/ml</td>
<td>1.00 mg/ml</td>
</tr>
<tr>
<td>Solubility (Color)</td>
<td>Colorless</td>
<td>Colorless</td>
</tr>
<tr>
<td>Solubility (Turbidity)</td>
<td>Clear</td>
<td>Clear</td>
</tr>
<tr>
<td>Molecular Weight (MS)</td>
<td>2488.9 - 2494.9 Da</td>
<td>2491.2 Da</td>
</tr>
<tr>
<td>Peptide Content (AAA)</td>
<td>&gt; 65.0 %</td>
<td>82.0 %</td>
</tr>
<tr>
<td>Purity (HPLC)</td>
<td>&gt; 97.0 %</td>
<td>97.3 %</td>
</tr>
</tbody>
</table>

Theo Ackermann PhD MScEng CQM  
Manager, Quality and Regulatory Affairs  
Jerusalem, Israel  IL

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.