25-hydroxycholesterol-3-sulfate
25-hydroxycholesterol-3-sulfate (sodium salt)
700017P-5mg

| Molecular Weight | 504.698 |
| Chemical Formula | C_{27}H_{45}NaO_5S |
| Physical State   | Powder |
| Storage          | -20°C |
| Expiration Date  | One year from date of receipt |
| M Lot Number     | 5104PHB021 |
| Avanti Lot Number| 700017P-5MG-B-021 |

<table>
<thead>
<tr>
<th>ANALYSIS</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Examination</td>
<td>Powder: White solid which contains no foreign matter</td>
<td>Pass</td>
</tr>
<tr>
<td>TLC</td>
<td>&gt;99% Purity</td>
<td>All Pass</td>
</tr>
<tr>
<td></td>
<td>Ninhydrin: negative</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Iodine: one major spot</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Phosphorus: negative</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Charring: positive</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Water dip: one major spot</td>
<td></td>
</tr>
<tr>
<td>HPLC-ELSD</td>
<td>NLT 99% (AUC)</td>
<td>100% (AUC)</td>
</tr>
<tr>
<td>Proton NMR</td>
<td>NMR spectrum consistent with reference structure</td>
<td>Consistent with structure</td>
</tr>
</tbody>
</table>

Approved By: [Signature]

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