Product Specification

Product Name: Thymidine - powder, BioReagent, suitable for cell culture

Product Number: T1895
CAS Number: 50-89-5
MDL: MFCD00006537
Formula: C10H14N2O5
Formula Weight: 242.23 g/mol

TEST

<table>
<thead>
<tr>
<th>Specification</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance (Color)</td>
<td>White</td>
</tr>
<tr>
<td>Appearance (Form)</td>
<td>Powder</td>
</tr>
<tr>
<td>Solubility (Color)</td>
<td>Colorless</td>
</tr>
<tr>
<td>Solubility (Turbidity)</td>
<td>Clear</td>
</tr>
<tr>
<td>50 mg/ml, H2O</td>
<td></td>
</tr>
<tr>
<td>Purity (HPLC)</td>
<td>&gt; 99 %</td>
</tr>
<tr>
<td>EmM</td>
<td>9.4 - 9.7</td>
</tr>
<tr>
<td>Wavelength</td>
<td>267 - 268 nm</td>
</tr>
<tr>
<td>at pH 7.0</td>
<td></td>
</tr>
<tr>
<td>Cell Culture Test</td>
<td>Pass</td>
</tr>
<tr>
<td>Recommended Retest Period</td>
<td>5 years</td>
</tr>
</tbody>
</table>

Specification: PRD.0.ZQ5.10000047019

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.