Dicetyl phosphate  
Dihexadecyl phosphate  
850042P-1g

<table>
<thead>
<tr>
<th>Molecular Weight</th>
<th>546.85</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Formula</td>
<td>C_{32}H_{67}O_{4}P</td>
</tr>
<tr>
<td>Physical State</td>
<td>Powder</td>
</tr>
<tr>
<td>Storage</td>
<td>-20°C</td>
</tr>
<tr>
<td>Expiration Date</td>
<td>One year from date of receipt</td>
</tr>
<tr>
<td>M Lot Number</td>
<td>5579PQC010</td>
</tr>
<tr>
<td>Avanti Lot Number</td>
<td>850042P-1G-C-010</td>
</tr>
</tbody>
</table>

**ANALYSIS**

<table>
<thead>
<tr>
<th>SPECIFICATION</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Examination</td>
<td><strong>Powder</strong>: White solid which contains no foreign matter</td>
</tr>
</tbody>
</table>
| TLC           | >99% Purity  
Ninhydrin: negative  
Iodine: one major spot  
Phosphorus: positive  
Charring: positive  
Water dip: one major spot | All Pass |
| HPLC-ELSD    | NLT 99% (AUC) | 100% (AUC) |
| Mass Spectroscopy | [M+NH₄]^+ = 564.85 ± 1 amu | [M+NH₄]^+ = 564.8 amu |

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