## 12:0 PE
1,2-dilauroyl-sn-glycero-3-phosphoethanolamine

### 850702P-1g

<table>
<thead>
<tr>
<th><strong>Molecular Weight</strong></th>
<th>579.746</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Chemical Formula</strong></td>
<td>C_{29}H_{58}NO_{8}P</td>
</tr>
<tr>
<td><strong>Physical State</strong></td>
<td>Powder</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td>-20°C</td>
</tr>
<tr>
<td><strong>Expiry Date</strong></td>
<td>One year from date of receipt</td>
</tr>
<tr>
<td><strong>M Lot Number</strong></td>
<td>5731PQB034</td>
</tr>
<tr>
<td><strong>Avanti Lot Number</strong></td>
<td>850702P-1G-B-034</td>
</tr>
</tbody>
</table>

### ANALYSIS | SPECIFICATION | RESULTS
--- | --- | ---
Physical examination | **Powder:** White solid which contains no foreign matter. | Pass |
TLC | >99% Purity  
Ninhydrin: positive  
Iodine: one major spot  
Phosphorus: positive  
Charring: negative  
Water dip: one major spot | All Pass |
FAME (GC/FID) | NLT 99% 12:0 (AUC) | 99.7% (AUC) |
Mass Spectroscopy | [M+H]^+ = 580.746 ± 1 amu | [M+H]^+ = 580.9 amu |

Approved by: [Signature]

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Avanti Polar Lipids, Inc. 700 Industrial Park Drv. Alabaster, Alabama 35007-0105, USA  
Telephone (800) 227-2661 ● (205) 663-2464  
Fax (800) 229-1004 ● (205) 663-0766

E-mail Orders: orders@avantilipids.com ● E-mail Inquiries: info@avantilipids.com  
E-mail Technical Questions: technical@avantilipids.com ● Visit www.avantilipids.com