**12:0 PC (DLPC)**

**1,2-dilauroyl-sn-glycero-3-phosphocholine**

**850335P-1g**

**Molecular Weight** 621.826

**Chemical Formula** $C_{32}H_{64}NO_8P$

**Physical State** Powder

**Storage** -20°C

**Expiration Date** One year from date of receipt

**M Lot Number** 5638PQA068

**Avanti Lot Number** 850335P-1G-A-068

---

### ANALYSIS SPECIFICATION RESULTS

<table>
<thead>
<tr>
<th>Physical Examination</th>
<th>Powder: White solid which contains no foreign matter</th>
<th>Pass</th>
</tr>
</thead>
</table>
| TLC                  | >99% Purity
Ninhydrin: negative
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    | $[M+H]^+ = 622.826 \pm 1$ amu | $[M+H]^+ = 622.9$ amu |

Approved by: [Signature]

---

For Research Use Only. Not For Human Use.