# 06:0 PC (DHPC)

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

| 850305P-1g |

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**Molecular Weight** | 453.507  
**Chemical Formula** | C_{20}H_{40}NO_{8}P  
**Physical State** | Powder  
**Storage** | -20°C  
**Expiration Date** | One year from date of receipt  
**M Lot Number** | 5628PQD101  
**Avanti Lot Number** | 850305P-1G-D-101

## ANALYSIS

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<th>DESCRIPTION</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
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<td>Physical Examination</td>
<td><strong>Powder</strong>: White solid which contains no foreign matter</td>
<td>Pass</td>
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| TLC | >99% Purity  
Ninhydrin: negative  
Iodine: one major spot  
Phosphorus: positive  
Charring: negative  
Water dip: one major spot | All Pass |
| DMAP / UV-VIS | Absence of DMAP | None Detected |
| FAME (GC/FID) | NLT 99% 06:0 (AUC) | 100% (AUC) |
| Mass Spectroscopy | \([\text{M+H}]^+ = 454.507 \pm 1 \text{ amu}\) | \([\text{M+H}]^+ = 454.4 \text{ amu}\) |

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Approved By:

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