18:1 (Δ9-Cis) PE (DOPE)
1,2-dioleoyl-sn-glycero-3-phosphoethanolamine

850725P-25mg

**Molecular Weight** 744.034
**Chemical Formula** C₄₁H₇₈NO₈P
**Physical State** Powder
**Storage** -20°C
**Expiration Date** One year from date of receipt
**M Lot Number** 5736PJA422
**Avanti Lot Number** 850725P-25MG-A-422

<table>
<thead>
<tr>
<th>ANALYSIS</th>
<th>SPECIFICATION</th>
<th>RESULTS</th>
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<tr>
<td>Physical examination</td>
<td><strong>Powder</strong>: White solid which contains no foreign matter.</td>
<td>Pass</td>
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</table>
| TLC               | >99% Purity
Ninhydrin: positive
Iodine: one major spot
Phosphorus: positive
Charring: positive
Water dip: one major spot | All Pass  |
| FAME (GC/FID)     | NLT 99% 18:1 (AUC)                                 | 100% 18:1 (AUC) |
| Mass Spectroscopy | [M+H]+ = 745.034 ± 1 amu                           | [M+H]+ = 744.7 amu |

Approved by: [Signature]