

## 16:0-18:1 Phosphatidylethanol

1-palmitoyl-2-oleoyl-sn-glycero-3-phosphoethanol (sodium salt)

840514P-25MG

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|                          |                                                    |
|--------------------------|----------------------------------------------------|
| <b>Molecular Weight</b>  | 724.964                                            |
| <b>Chemical Formula</b>  | C <sub>39</sub> H <sub>74</sub> NaO <sub>8</sub> P |
| <b>Physical State</b>    | Powder                                             |
| <b>Storage</b>           | -20°C                                              |
| <b>Expiration Date</b>   | One year from date of receipt                      |
| <b>M Lot Number</b>      | 5552PJG016                                         |
| <b>Avanti Lot Number</b> | 840514P-25MG-G-016                                 |

| ANALYSIS             | SPECIFICATION                                                                                                                            | RESULTS                         |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Physical Examination | <b>Powder:</b> White solid which contains no foreign matter                                                                              | Pass                            |
| TLC                  | >99% Purity<br>Ninhydrin: negative<br>Iodine: one major spot<br>Phosphorus: positive<br>Charring: positive<br>Water dip: one major spots | All Pass                        |
| Proton NMR           | NMR spectrum consistent with structure                                                                                                   | Consistent with structure       |
| Mass Spectroscopy    | [M-Na] <sup>+</sup> = 701.964 ± 1 amu                                                                                                    | [M-Na] <sup>+</sup> = 701.4 amu |

Approved by:



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