

**16:0–18:1 PG**

 (1-palmitoyl-2-oleoyl-*sn*-glycero-3-phospho-(1'-*rac*-glycerol) (sodium salt))

**840457C-500mg**

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|                          |   |
|--------------------------|---|
| <b>Molecular Weight</b>  | 770.989   |
| <b>Chemical Formula</b>  | C <sub>40</sub> H <sub>76</sub> O <sub>10</sub> PNa |
| <b>Physical State</b>    | Chloroform  |
| <b>Storage</b>           | -20°C   |
| <b>Expiration Date</b>   | One year from date of receipt                       |
| <b>M Lot Number</b>      | 5535CPD147  |
| <b>Avanti Lot Number</b> | 840457C-500MG-D-147                                 |

| ANALYSIS             | SPECIFICATION   | RESULTS                                       |
|----------------------|---|---|
| Physical Examination | <b>Chloroform:</b> Clear solution with 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 spot | All Pass                                      |
| FAME (GC/FID)        | 50 ± 5% 16:0 (AUC)<br>50 ± 5% 18:1 (AUC)<br>NLT 99% total   | 46% 16:0 (AUC)<br>53% 18:1 (AUC)<br>99% total |
| Calcium (ICP/MS)     | NMT 500 ppm   | None Detected                                 |
| Mass Spectroscopy    | [M-Na] <sup>+</sup> = 747.989 ± 1 amu   | [M-Na] <sup>+</sup> = 747.8 amu               |

Approved By:



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