

**18:1 PA**
**1,2-dioleoyl-*sn*-glycero-3-phosphate (sodium salt)**
**840875P-1g**
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|                          |  |
|--------------------------|--|
| <b>Molecular Weight</b>  | 722.948  |
| <b>Chemical Formula</b>  | C <sub>39</sub> H <sub>72</sub> O <sub>8</sub> PNa |
| <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>      | 5568PQA148   |
| <b>Avanti Lot Number</b> | 840875P-1G-A-148                                   |

| 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 spot | All Pass                         |
| Proton NMR                  | NMR spectrum consistent with structure  | Consistent with structure        |
| Quantitative Phosphorus NMR | NLT 99% 18:1 PA   | 100% PA                          |
| FAME (GC/FID)               | NLT 99% 18:1 (AUC)  | 99% 18:1 (AUC)                   |
| Calcium (ICP/MS)            | NMT 500ppm  | None Detected                    |
| Mass Spectroscopy           | [M-Na] <sup>-</sup> = 699.948 ± 1 amu   | [M-Na] <sup>-</sup> = 699.90 amu |

  
 Approved By:

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