

**18:0-18:2 PC**

**1-stearoyl-2-linoleoyl-sn-glycero-3-phosphocholine**

**850468C-200mg**

**Page 1 of 1**

|                          |   |
|--------------------------|---|
| <b>Molecular Weight</b>  | 786.113   |
| <b>Chemical Formula</b>  | C <sub>44</sub> H <sub>84</sub> NO <sub>8</sub> P |
| <b>Physical State</b>    | Chloroform  |
| <b>Storage</b>           | -20°C   |
| <b>Expiration Date</b>   | Three months from date of receipt                 |
| <b>M Lot Number</b>      | 5686CNG040  |
| <b>Avanti Lot Number</b> | 850468C-200MG-G-040                               |

| 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   |
| UV Oxidation         | NMT 5% total all wavelengths  | 0.49% total  |
| FAME (GC/FID)        | NLT 50% ± 5% 18:0 (AUC)<br>NLT 50% ± 5% 18:2 (AUC)<br>NLT 99% total   | 50.8% 18:0 (AUC)<br>49.2% 18:2 (AUC)<br>100% total |
| Mass Spectroscopy    | [M+H] <sup>+</sup> = 787.113 ± 1 amu  | [M+H] <sup>+</sup> = 786.6 amu                     |

Approved By:



For Research Use Only. Not For Human Use.