

**Soy PC**

 L- $\alpha$ -phosphatidylcholine (Soy)

**840054C-500mg**
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|                          |   |
|--------------------------|---|
| <b>Molecular Weight</b>  | 775.037 (average based on fatty acid distribution in product) |
| <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>      | 5511CPE143  |
| <b>Avanti Lot Number</b> | 840054C-500MG-E-143   |

| 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  | 0.26% total all wavelengths                             |
| FAME (GC/FID)        | Consistent with historical data<br>16:0 = ~14.9%<br>18:0 = ~3.7%<br>18:1 = ~11.4%<br>18:2 = ~63.0%<br>18:3 = ~5.7%                      | Consistent with historical data                         |
| Mass Spectroscopy    | [M+H] <sup>+</sup> = 776.037 $\pm$ 1 amu<br>(predominant species)   | [M+H] <sup>+</sup> = 782.8 amu<br>(predominant species) |

Approved by:

