

**Soy PC**L- $\alpha$ -phosphatidylcholine (Soy)**840054C-500mg****Page 1 of 1**

**Molecular Weight** 775.037 (average based on fatty acid distribution in product)  
**Physical State** Chloroform  
**Storage** -20°C  
**Expiration Date** Three months from date of receipt  
**M Lot Number** 5511CPC147  
**Avanti Lot Number** 840054C-500MG-C-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                                                      |
| UV Oxidation         | NMT 5% total all wavelengths                                                                                                            | 0.39% total                                                   |
| 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    | 36:4 = 782.5 $\pm$ 1 amu<br>34:2 = 758.5 $\pm$ 1 amu<br>(predominant species)                                                           | 36:4 = 783.0 amu<br>34:2 = 759.0 amu<br>(predominant species) |



Approved By:

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