

**Brain PS**
**L- $\alpha$ -phosphatidylserine (Brain, Porcine) (sodium salt)**
**840032P-100mg**
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|                          |   |
|--------------------------|---|
| <b>Molecular Weight</b>  | 824.966 (average based on fatty acid distribution in product) |
| <b>Physical State</b>    | Powder  |
| <b>Storage</b>           | -20°C   |
| <b>Expiration Date</b>   | Three months from date of receipt                             |
| <b>M Lot Number</b>      | 5495PLF830  |
| <b>Avanti Lot Number</b> | 840032P-100MG-F-830   |

| ANALYSIS             | SPECIFICATION   | RESULTS                         |
|----------------------|---|---------------------------------|
| Physical Examination | <b>Powder:</b> White solid which contains no foreign matter   | Pass                            |
| TLC                  | >99% Purity<br>Ninhydrin: positive<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  | 1.01% total                     |
| FAME (GC/FID)        | Consistent with historical data<br>18:0 = ~42%<br>18:1 = ~30%<br>20:4 = ~2%<br>22:6 = ~11%<br>Unknown = 15%                             | Consistent with historical data |

Approved By: *Melissa Liles*

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