

Brain PS
L- α -phosphatidylserine (Brain, Porcine) (sodium salt)
840032C-100mg
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| | |
|--------------------------|---|
| Molecular Weight | 824.966 (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 | 5495CLA828 |
| Avanti Lot Number | 840032C-100MG-A-828 |

| ANALYSIS | SPECIFICATION | RESULTS |
|----------------------|--|---------------------------------|
| Physical Examination | Chloroform: Clear solution with no foreign matter | Pass |
| TLC | >99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot | All Pass |
| UV Oxidation | NMT 5% total all wavelengths | 0.42% total |
| Calcium (ICP/MS) | NMT 500 ppm | None Detected |
| FAME (GC/FID) | Consistent with historical data 18:0 = ~42% 18:1 = ~30% 20:4 = ~2% 22:6 = ~11% Unknown = 15% | Consistent with historical data |
| Mass Spectroscopy* | [M-Na] ⁻ = 788.966 ± 1 amu or [M-Na+2H] ⁺ = 790.966 ± 1 amu (predominant species) and -NL 87 Scan: [M-87] ⁻ = 788.966 ± 1 amu (predominant species) | [M-Na] ⁻ = 789.1 amu |

*-NL 87 Scan = Neutral Loss Scan of 87 amu

Approved By:



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