

Brain PE
L- α -phosphatidylethanolamine (Brain, Porcine)
840022C-25mg
Page 1 of 1

| | |
|--------------------------|---|
| Molecular Weight | 768.610 (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 | 5486CJD290 |
| Avanti Lot Number | 840022C-25MG-D-290 |

| 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 | 0.46% total |
| FAME (GC/FID) | Consistent with historical data 16:0 = ~3.7% 16:1 = ~0.6% 18:0 = ~15.9% 18:1 = ~24.1% 18:2 = ~0.4% 20:1 = ~2.3% 20:2 = ~0.6% 20:3 = ~0.6% 20:4 = ~18.6% 22:1 = ~0.5% 22:6 = ~11.5% | Consistent with historical data |
| Mass Spectroscopy* | [M+H] ⁺ = 728.610 \pm 1 amu (predominant species) and +NL 141 Scan: [M-141] ⁺ = 728.610 \pm 1 amu (predominant species) | [M+H] ⁺ = 728.5 amu (predominant species) |

*+NL 141 Scan = Neutral Loss Scan of 141 amu

Approved By:



For Research Use Only. Not For Human Use.