

**Liver PE**
**L- $\alpha$ -phosphatidylethanolamine (Liver, Bovine)**
**840026C-25mg**
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<b>Molecular Weight</b>	756.336 (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>	5489CJQ121
<b>Avanti Lot Number</b>	840026C-25MG-Q-121

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> 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	2.39% total
FAME (GC/FID)	Consistent with historical data 16:0 = ~5.0% 16:1 = ~0.1% 18:0 = ~33.7% 18:1 = ~9.8% 18:2 = ~10.9% 18:3 = ~0.8% 20:3 = ~4.1% 20:4 = ~19.5% 22:6 = ~2.1% Unknown = ~14.0%	Consistent with historical data
Mass Spectroscopy*	[M+H] <sup>+</sup> = 769.336 ± 1 amu (predominant species) and +NL 141 Scan: [M-141] <sup>+</sup> = 769.336 ± 1 amu (predominant species)	[M+H] <sup>+</sup> = 769.0 amu +NL 141 Scan: [M-141] <sup>+</sup> = 768.8 amu

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

Approved By:



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