

Liver PE

L- α -phosphatidylethanolamine (Liver, Bovine)

840026C-25mg

Page 1 of 1

Molecular Weight	756.336 (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	5489CJF122
Avanti Lot Number	840026C-25MG-F-122

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	1.58% 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] ⁺ = 769.336 $\pm$ 1 amu (predominant species) and +NL 141 Scan: [M-141] ⁺ = 769.336 $\pm$ 1 amu (predominant species)	[M+H] ⁺ = 768.9 amu +NL 141 Scan: [M-141] ⁺ = 769.1 amu

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

Approved By: *Anderson Thomas*

For Research Use Only. Not For Human Use.