

E. coli PE

 L- α -phosphatidylethanolamine (E. coli)

840027C-25mg
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Molecular Weight	719.302 (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	5490CJF070
Avanti Lot Number	840027C-25MG-F-070

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	0.16% total
BAME (GC/FID)	Consistent with historical data 14:0 = ~1.5% 16:0 = ~33.6% 16:1 = ~9.3% 17:0 = ~17.7% 18:1 = ~34.1% 19:0 = 3.8%	Consistent with historical data
Mass Spectroscopy*	[M+H] ⁺ = 719.302 ± 1 amu (predominant species) and +NL 141 Scan: [M-141] ⁺ = 719.302 ± 1 amu (predominant species)	[M+H] ⁺ = 719.0 amu +NL 141 Scan: [M-141] ⁺ = 718.8 amu

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



Approved By:

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