

**E. coli PE**

 L- $\alpha$ -phosphatidylethanolamine (E. coli)

**840027P-25mg**
**Page 1 of 1**

<b>Molecular Weight</b>	719.302 (average based on fatty acid distribution in product)
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	Three months from date of receipt
<b>M Lot Number</b>	5490PJM070
<b>Avanti Lot Number</b>	840027P-25MG-M-070

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains 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] <sup>+</sup> = 719.302 ± 1 amu (predominant species) and +NL 141 Scan: [M-141] <sup>+</sup> = 719.302 ± 1 amu (predominant species)	[M+H] <sup>+</sup> = 719.0 amu (predominant species) and +NL 141 Scan: [M-141] <sup>+</sup> = 718.8 amu (predominant species)

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



Approved By:

For Research Use Only. Not For Human Use.