

**Soy PE**

 L- $\alpha$ -phosphatidylethanolamine (Soy)

**840024P-25mg**
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<b>Molecular Weight</b>	730.453 (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>	5487PJH155
<b>Avanti Lot Number</b>	840024P-25MG-H-155

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	0.60% total
FAME (GC/FID)	Consistent with historical data 16:0 = ~17.7% 16:1 = ~0.03 18:0 = ~2.2% 18:1 = ~5.0% 18:2 = ~65.5% 18:3 = ~7.4%	Consistent with historical data
Mass Spectroscopy*	[M+H] <sup>+</sup> = 716.453 $\pm$ 1 amu (predominant species) and +NL 141 Scan: [M-141] <sup>+</sup> = 716.453 $\pm$ 1 amu (predominant species)	[M+H] <sup>+</sup> = 716.8 amu (predominant species) [M-141] <sup>+</sup> = 716.7 amu (predominant species)

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

Approved By:



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