

## Soy PE

L- $\alpha$ -phosphatidylethanolamine (Soy)

840024P-200mg

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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>	5487PNA158
<b>Avanti Lot Number</b>	840024P-200MG-A-158

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	0.41% total
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Quantitative Phosphorus NMR	Run and Report	61.0 mg/ml
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> = 716.79 amu and [M-141] <sup>+</sup> = 716.97 amu

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

Approved By: *Anderson Thomas*

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