

Soy PE

L- α -phosphatidylethanolamine (Soy)

840024P-25mg

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Molecular Weight	730.453 (average based on fatty acid distribution in product)
Physical State	Powder
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5487PJF158
Avanti Lot Number	840024P-25MG-F-158

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: 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	100% PE 90% recovery
Mass Spectroscopy*	[M+H] ⁺ = 716.453 $\pm$ 1 amu (predominant species) and +NL 141 Scan: [M-141] ⁺ = 716.453 $\pm$ 1 amu (predominant species)	[M+H] ⁺ = 716.79 amu and [M-141] ⁺ = 716.97 amu

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

Melissa Bolin

Approved By:

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