

Soy PC

L- α -phosphatidylcholine (Soy)

840054C-500mg

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Molecular Weight	775.037 (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	5511CPA150
Avanti Lot Number	840054C-500MG-A-150

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: clear solution which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
UV Oxidation	NMT 5% total all wavelengths	1.0% total
FAME (GC/FID)	Consistent with historical data 16:0 = ~14.9% 18:0 = ~3.7% 18:1 = ~11.4% 18:2 = ~63.0% 18:3 = ~5.7%	Consistent with historical data
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	36:4 = 782.5 $\pm$ 1 amu 34:2 = 758.5 $\pm$ 1 amu (predominant species)	36:4 = 782.5 amu 34:2 = 759.5 amu (predominant species)

Approved By: *Meredith Bayfoot*

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