

Soy Lyso PC

L- α -lysophosphatidylcholine (Soy)

840072P-200mg

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Molecular Weight	513.564 (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	5523PNC048
Avanti Lot Number	840072P-200MG-C-048

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid 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	0% total all wavelengths
FAME (GC/FID)	Consistent with historical data 16:0 = ~26.1% 18:0 = ~7.3% 18:1 = ~8.5% 18:2 = ~50.1% 18:3 = ~5.1%	Consistent with historical data
Quantitative Phosphorus NMR	NLT 99% LPC	100% LPC
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Calcium (ICP/MS)	NMT 500 ppm	140 ppm
Mass Spectroscopy	[M+H] ⁺ = 497.6 \pm 1 amu (predominant species)	[M+H] ⁺ = 496.4 amu

Approved By:



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