

## Soy Lyso PC

L- $\alpha$ -lysophosphatidylcholine (Soy)

840072P-25mg

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<b>Molecular Weight</b>	513.564 (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>	5523PJI048
<b>Avanti Lot Number</b>	840072P-25MG-I-048

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> 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	All Pass
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% Lyso PC	100% Lyso PC
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Calcium (ICP/MS)	NMT 500 ppm	140 ppm
Mass Spectroscopy	[M+H] <sup>+</sup> = 497.6 ± 1 amu (predominant species)	[M+H] <sup>+</sup> = 496.4 amu

Approved By:

