

## Soy PI

L- $\alpha$ -phosphatidylinositol (Soy) (sodium salt)

840044C-25mg

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<b>Molecular Weight</b>	866.647 (average based on fatty acid distribution in product)
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	Three months from date of receipt
<b>M Lot Number</b>	5505CJA181
<b>Avanti Lot Number</b>	840044C-25MG-A-181

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
UV Oxidation	NMT 5% total all wavelengths	0.42% total
FAME (GC/FID)	Consistent with historical data 16:0 = ~31% 18:0 = ~7% 18:1 = ~5% 18:2 = ~50% 18:3 = ~7%	Consistent with historical data
Calcium (ICP/MS)	NMT 500ppm	None Detected
Mass Spectroscopy	[M-Na] <sup>+</sup> = 834.1 $\pm$ 1 amu (predominant species)	[M-Na] <sup>+</sup> = 833.9 amu

Approved By:



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