

## Soy PA

L- $\alpha$ -phosphatidic acid (Soy) (sodium salt)

840074P-25mg

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**Molecular Weight** 711.769 (average molecular weight)  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** Three months from date of receipt  
**M Lot Number** 5524PJD032  
**Avanti Lot Number** 840074P-25MG-D-032

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	1.13% total
FAME (GC/FID)	Consistent with historical data 16:0 = ~11.7% 18:0 = ~3.4% 18:1 = ~12.6% 18:2 = ~66.1% 18:3 = ~6.1%	Consistent with historical data
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Mass Spectroscopy	[M-Na] <sup>-</sup> = 647.87 ± 1 amu (16:0 – 18:2 PA) [M-Na] <sup>-</sup> = 695.92 ± 1 amu (18:2 PA) (predominant species)	[M-Na] <sup>-</sup> = 695.6 amu

Approved By:



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