

Soy PA

L- α -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 5524PJA034
Avanti Lot Number 840074P-25MG-A-034

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	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
UV Oxidation	NMT 5% total all wavelengths	0.14% 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] ⁺ = 647.87 ± 1 amu (16:0 – 18:2 PA) [M-Na] ⁻ = 695.92 ± 1 amu (18:2 PA) (predominant species)	[M-Na] ⁻ = 695.79 amu

Approved By: *Andriana Thomas*

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