

Soy PS

L- α -phosphatidylserine (Soy, 99%) (sodium salt)

870336P-200mg

Page 1 of 1

Molecular Weight	806.01 (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	6191PNA061
Avanti Lot Number	870336P-200MG-A-061

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
HNMR	Consistent with structure	Consistent with structure
UV Oxidation	NMT 5% total all wavelengths	4.47% total
FAME (GC/FID)	Consistent with historical data (not specifications): 16:0 = ~10% 18:0 = ~3% 18:1 = ~12% 18:2 = ~68% 18:3 = ~7%	Consistent with historical data
Calcium (ICP/MS)	NMT 500 ppm	22.7 ppm
Mass Spectroscopy	[M-Na] ⁺ = 783.01 $\pm$ 1 amu (predominant species)	[M-Na] ⁺ = 782.8 amu (predominant species)

Approved By: *Anderson Thomas*

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