

**Soy PA**

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

**840074P-25mg**

Page 1 of 1

<b>Molecular Weight</b>	711.769 (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>	5524PJB030
<b>Avanti Lot Number</b>	840074P-25MG-B-030

ANALYSIS	SPECIFICATION	SOP
Physical Examination	<b>Powder:</b> White solid 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
UV Oxidation	NMT 5% total all wavelengths	0.76% 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 500ppm	None Detected
Mass Spectroscopy	[M-Na] <sup>-</sup> = 688.769 ± 1 amu (predominant species)	[M-Na] <sup>-</sup> = 671.8 amu (predominant species)

Approved By:

