

**Egg PA**

 L- $\alpha$ -phosphatidic acid (Egg, Chicken) (sodium salt)

**840101P-1G**

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<b>Molecular Weight</b>	706.158 (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>	5525PQA171
<b>Avanti Lot Number</b>	840101P-1G-A-171

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	0.61% Total all wavelengths
FAME (GC/FID)	Consistent with historical data: 16:0 = ~34.2% 16:1 = ~1.0% 18:0 = ~11.5% 18:1 = ~31.5% 18:2 = ~18.5% 20:4 = ~2.7% 22:6 = ~0.7%	Pass
Calcium (ICP/MS)	NMT 500ppm	None detected
Mass Spectroscopy	[M-Na] <sup>+</sup> = 673.158 ± 1 amu (Predominant species)	[M-Na] <sup>+</sup> = 673.6 amu

Approved by:

