

**Egg Trans PE**  
 L- $\alpha$ -phosphatidylethanolamine, transphosphatidylated (Egg, Chicken)  
 841118P-25mg

**Molecular Weight** 726.076 (average based on fatty acid distribution in product)  
**Physical State** Chloroform  
**Storage** -20°C  
**Expiration Date** Three months from date of receipt  
**M Lot Number** 5572PJB310  
**Avanti Lot Number** 841118P-25MG-B-310

ANALYSIS	SPECIFICATION	SOP
Physical examination	<b>Powder:</b> 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
UV Oxidation	NMT 5% total all wavelengths	0.83% total all wavelengths
FAME (GC/FID)	Consistent with historical data. 16:0 = ~34.8% 16:1 = ~1.5% 18:0 = ~11.1% 18:1 = ~31.2% 18:2 = ~17.1% 18.3 = ~0.1% 20:2 = ~0.1% 20:4 = ~2.9% 22:6 = ~0.1%	Consistent with historical data.
Mass Spectroscopy	[M+H] <sup>+</sup> = 727.076 $\pm$ 1 amu (predominant species) Consistent with historical data.	[M+H] <sup>+</sup> = 719.0 amu (predominant species) Consistent with historical data.

Approved by:

