

**16:0 PE**

1,2-dipalmitoyl-sn-glycero-3-phosphoethanolamine

**850705P-25mg**

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**Molecular Weight** 691.959  
**Chemical Formula** C<sub>37</sub>H<sub>74</sub>NO<sub>8</sub>P  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5733PJB110  
**Avanti Lot Number** 850705P-25MG-B-110

ANALYSIS	SPECIFICATION	RESULTS
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: negative Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 16:0 (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 692.959 ± 1 amu	[M+H] <sup>+</sup> = 692.8 amu

Approved by: *Andriana Thomas*

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