

**16:0 PE**

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

**850705P-1g**

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<b>Molecular Weight</b>	691.959
<b>Chemical Formula</b>	C <sub>37</sub> H <sub>74</sub> NO <sub>8</sub> P
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5733PQA110
<b>Avanti Lot Number</b>	850705P-1G-A-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: *Anderson Thomas*

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