

**16:0-18:1 PE**
**1-palmitoyl-2-oleoyl-*sn*-glycero-3-phosphoethanolamine**
**850757P-1g**

Page 1 of 1

<b>Molecular Weight</b>	717.996
<b>Chemical Formula</b>	C <sub>39</sub> H <sub>76</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>	5741PQA155
<b>Avanti Lot Number</b>	850757P-1G-A-155

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	50 ± 5% 16:0 (AUC) 50 ± 5% 18:1 (AUC) NLT 99% total	46.6% 16:0 (AUC) 53.4% 18:1 (AUC) 100% total
Mass Spectroscopy	[M+H] <sup>+</sup> = 718.996 ± 1 amu	[M+H] <sup>+</sup> = 718.8 amu

 Approved By: *Anderson Thomas*

For Research Use Only. Not For Human Use.