

**18:1 Monomethyl PE**

1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-methyl

**850850P-25mg**

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<b>Molecular Weight</b>	758.06
<b>Chemical Formula</b>	C <sub>42</sub> H <sub>80</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>	5751PJA074
<b>Avanti Lot Number</b>	850850P-25MG-A-074

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative <sup>1</sup> Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot <sup>1</sup> Presence of secondary amine may cause false positive	All Pass
FAME (GC/FID)	NLT 99% 18:1 (AUC)	99.8% (AUC)
Mass Spectroscopy	[M+H] <sup>+</sup> = 759.06 ± 1 amu	[M+H] <sup>+</sup> = 758.6 amu

 Approved by: 

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