

## 18:1 Succinyl PE

1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-(succinyl) (sodium salt)

870222P-200mg

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<b>Molecular Weight</b>	866.088
<b>Chemical Formula</b>	C <sub>45</sub> H <sub>81</sub> NO <sub>11</sub> PNa
<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>	6171PNB031
<b>Avanti Lot Number</b>	870222P-200MG-B-031

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
FAME (GC/FID)	NLT 99% 18:1 (AUC)	100% 18:1 (AUC)
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-Na] <sup>+</sup> = 843.1 ± 1 amu	[M-Na] <sup>+</sup> = 842.6 amu

Approved By:



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