

## 16:0-18:1 Phosphatidylethanol, IsoPure

1-palmitoyl-2-oleoyl-sn-glycero-3-phosphoethanol (sodium salt), IsoPure

792574C-10mg

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<b>Molecular Weight</b>	724.98
<b>Chemical Formula</b>	C <sub>39</sub> H <sub>74</sub> NaO <sub>8</sub> P
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6880CIC010
<b>Avanti Lot Number</b>	792574C-10MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Clear, colorless solution which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% combined 16:0 and 18:1 (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Carbon NMR	NMR spectrum consistent with structure NMT 5% acyl migration	Consistent with structure <5% acyl migration
Mass Spectroscopy	[M-Na] <sup>+</sup> = 701.98 ± 1 amu	[M-H] <sup>+</sup> = 702.1 amu

Approved By:



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