

16:0-18:1 Phosphatidylethanol, IsoPure

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

792574C-10mg

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Molecular Weight	724.98
Chemical Formula	C ₃₉ H ₇₄ NaO ₈ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6880CIB010
Avanti Lot Number	792574C-10MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: 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] ⁺ = 701.98 ± 1 amu	[M-H] ⁺ = 702.1 amu

 Approved By: *Anderson Thomas*

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