

18:1 Biotinyl PE

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

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Molecular Weight 992.311
Chemical Formula C₅₁H₉₁N₃O₁₀PNaS
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6179PJA040
Avanti Lot Number 870282P-25MG-A-040

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 18:1 (AUC)	99.5% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-Na] ⁺ = 969.3 ± 1 amu	[M-Na] ⁺ = 968.8 amu

Approved By:



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