

18:1 Biotinyl PE

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

870282P-25mg

Page 1 of 1

Molecular Weight	992.311
Chemical Formula	C ₅₁ H ₉₁ N ₃ O ₁₀ PNaS
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6179PJB040
Avanti Lot Number	870282P-25MG-B-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:



For Research Use Only. Not For Human Use.