

18:1-12:0 Biotin PS

1-oleoyl-2-(12-biotinyl(aminododecanoyl))-sn-glycero-3-phospho-L-serine (ammonium salt)

860560P-1mg

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Molecular Weight	964.240
Chemical Formula	C ₄₆ H ₈₆ N ₅ O ₁₂ PS
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6005PGB016
Avanti Lot Number	860560P-1MG-B-016

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Powder: White solid which contains no foreign matter.	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Calcium (ICP/MS)	NMT 500ppm	None detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-NH ₄] ⁺ = 946.24 ± 1 amu	[M-NH ₄] ⁺ = 945.7 amu



Approved By:

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