

18:0 PS-d70

1,2-distearoyl-d70-sn-glycero-3-[phospho-L-serine] (sodium salt)

860402P-10mg

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Molecular Weight	884.488
Chemical Formula	C ₄₂ H ₁₁ NO ₁₀ PNaD ₇₀
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5915PIB013
Avanti Lot Number	860402P-10MG-B-013

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: negative Water dip: one major spot	All Pass
Calcium (ICP/MS)	NMT 500ppm	34.8 ppm
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	M+Na] ⁺ = 903.488-908.488 ± 1 amu Or [M-Na] ⁻ = 857.488-862.488 ± 1 amu (multiple peaks will be observed across this range due to proton/deuterium exchange)	[M+Na] ⁺ = 905.5 amu

Approved by:

