

16:0 PS

1,2-dipalmitoyl-sn-glycero-3-phospho-L-serine (sodium salt)

840037P-500mg

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Molecular Weight	757.95
Chemical Formula	C ₃₈ H ₇₃ NO ₁₀ PNa
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5500PPB078
Avanti Lot Number	840037P-500MG-B-078

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
FAME (GC/FID)	NLT 99% 16:0 (AUC)	99.9% (AUC)
Calcium (ICP/MS)	NMT 500ppm	None detected
Mass Spectroscopy	Negative mode: [M-Na] ⁻ = 734.950 ± 1 amu or Positive mode: [M-Na+2H] ⁺ = 736.950 ± 1 amu	[M-Na+2H] ⁺ = 734.5 amu

Approved by:

