

16:0 PS

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

840037P-25mg

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Molecular Weight 757.95
Chemical Formula $C_{38}H_{73}NO_{10}PNa$
Physical State Powder
Storage $-20^{\circ}C$
Expiration Date One year from date of receipt
M Lot Number 5500PJA085
Avanti Lot Number 840037P-25MG-A-085

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	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% 16:0 (AUC)	100% 16:0 (AUC)
Calcium (ICP/MS)	NMT 500 ppm	397 ppm
Mass Spectroscopy	Negative mode: $[M-Na]^{-} = 734.95 \pm 1 \text{ amu}$ or Positive mode: $[M-Na+2H]^{+} = 736.95 \pm 1 \text{ amu}$	Positive mode: $[M-Na+2H]^{+} = 736.52 \text{ amu}$

Approved by:

