

14:0 PS

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

840033P-10mg

Page 1 of 1

Molecular Weight 701.844
Chemical Formula C₃₄H₆₅NO₁₀PNa
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5496PIC096
Avanti Lot Number 840033P-10MG-C-096

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% 14:0 (AUC)	99.8% (AUC)
Calcium (ICP/MS)	NMT 500ppm	76.3 ppm
Mass Spectroscopy	Negative mode: [M-Na] ⁻ = 678.844 ± 1 amu or Positive mode: [M-Na+2H] ⁺ = 680.844 ± 1 amu	[M-Na+2H] ⁺ = 680.9 amu

Approved By:



For Research Use Only. Not For Human Use.