

18:0-18:1 PS
1-stearoyl-2-oleoyl-sn-glycero-3-phospho-L-serine (sodium salt)
840039C-10mg
Page 1 of 1

Molecular Weight	812.041
Chemical Formula	C ₄₂ H ₇₉ NO ₁₀ PNa
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5502CIF045
Avanti Lot Number	840039C-10MG-F-045

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
FAME (GC/FID)	50 ± 5% 18:0 (AUC) 50 ± 5% 18:1 (AUC) NLT 99% total	49% 18:0 (AUC) 51% 18:1 (AUC) Total 100%
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Mass Spectroscopy	Negative mode: [M-Na] ⁻ = 789.041 ± 1 amu or Positive mode: [M-Na+2H] ⁺ = 791.041 ± 1 amu	[M-Na] ⁻ = 789.1 amu

 Approved by: *Anderson Thomas*

For Research Use Only. Not For Human Use.