

18:0 PG

1,2-distearoyl-*sn*-glycero-3-phospho-(1'-*rac*-glycerol) (sodium salt)

840465P-1g

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Molecular Weight	801.058
Chemical Formula	C ₄₂ H ₈₂ O ₁₀ Na
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5536PQE123
Avanti Lot Number	840465P-1G-E-123

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% (AUC)	100% (AUC)
Mass Spectroscopy	[M-Na] ⁺ = 778.058 ± 1 amu	[M-Na] ⁺ = 777.93 amu
Calcium (ICP/MS)	NMT 500 ppm	114 ppm

Approved By:



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