

16:0 Lyso PG

1-palmitoyl-2-hydroxy-*sn*-glycero-3-phospho-(1'-*rac*-glycerol) (sodium salt)

858122P-1g

Page 1 of 1

Molecular Weight	506.543
Chemical Formula	C ₂₂ H ₄₄ O ₉ PNa
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5851PQD089
Avanti Lot Number	858122P-1G-D-089

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
FAME (GC/FID)	NLT 99% 16:0 (AUC)	99.8% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Quantitative Phosphorus NMR	Run and Report	99% LPG 92% recovery
Mass Spectroscopy	[M-Na] ⁺ = 483.5 ± 1 amu	[M-Na] ⁺ = 483.5 amu
Calcium (ICP/MS)	NMT 500ppm	7.6 ppm
HPLC-ELSD	NLT 99% (AUC)	99.8% (AUC)

Approved By:



For Research Use Only. Not For Human Use.