

17:1 Lyso PG

1-(10Z-heptadecenoyl)-sn-glycero-3-phospho-(1'-rac-glycerol) (sodium salt)

858127C-5mg

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Molecular Weight	518.554
Chemical Formula	C ₂₃ H ₄₄ NaO ₉ P
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5855CHB011
Avanti Lot Number	858127C-5MG-B-011

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Chloroform: Clear solution with no foreign matter.	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
FAME (GC/FID)	NLT 99% 17:1 (AUC)	99.1% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Quantitative Phosphorus NMR	Run and Report	99.5% total LPG 31.1 mg/ml
ICP/MS	NMT 500 ppm	218.06 ppm
Mass Spectroscopy	[M-Na] ⁺ = 495.554 ± 1amu	[M-Na] ⁺ = 495.3 amu

Approved By:



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