

18:1 Cardioliipin

1',3'-bis[1,2-dioleoyl-sn-glycero-3-phospho]-sn-glycerol (sodium salt)

710335P-500mg

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Molecular Weight	1501.959
Chemical Formula	C ₈₁ H ₁₄₈ O ₁₇ P ₂ Na ₂
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5231PPC060
Avanti Lot Number	710335P-500MG-C-060

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 18:1 (AUC)	99.9% (AUC)
Calcium (ICP/MS)	NMT 500 ppm	61.7 ppm
Mass Spectroscopy	[M-2Na] ²⁻ = 727.980 ± 1 amu	[M-2Na] ²⁻ = 728.0 amu
Proton NMR	NMR spectrum consistent with structure	Consistent with structure

 Approved by: *Anderson Thomas*

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