

18:1 Cardiolipin

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

710335C-25mg

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Molecular Weight	1501.959
Chemical Formula	C ₈₁ H ₁₄₈ O ₁₇ P ₂ Na ₂
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5231CJA062
Avanti Lot Number	710335C-25MG-A-062

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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% 18:1 (AUC)	100% 18:1 (AUC)
Calcium (ICP/MS)	NMT 500 ppm	BLOQ
Mass Spectroscopy	[M-2Na] ²⁻ = 727.98 ± 1 amu	[M-2Na] ²⁻ = 727.51 amu

Approved by:

