

18:0 Cardiolipin

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

710334P-25mg

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Molecular Weight	1510.02
Chemical Formula	C ₈₁ H ₁₅₆ Na ₂ O ₁₇ P ₂
Physical State	Powder
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	6522PJB012
Avanti Lot Number	710334P-25MG-B-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White powder which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 18:0 (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-2Na] ²⁻ = 732.02 ± 1 amu [M-2Na+H] ⁻ = 1465.02 ± 1 amu	[M-2Na] ²⁻ = 732.4 amu [M-2Na+H] ⁻ = 1465.0 amu
Calcium (ICP/MS)	NMT 500 ppm	None Detected

Approved By:



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