

14:0 Cardiolipin (ammonium salt)

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

710332P-200mg

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Molecular Weight	1275.694
Chemical Formula	C ₆₅ H ₁₃₂ N ₂ O ₁₇ P ₂
Physical State	Chloroform
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	5229CJA058
Avanti Lot Number	710332-01-058

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: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% 14:0 (AUC)	99.9% (AUC)
Calcium (ICP/MS)	NMT 500ppm	BLOQ
Mass Spectroscopy	[M-2NH ₄] ²⁻ = 619.8 ± 1 amu [M-2NH ₄ +H] ⁻ = 1240.7 ± 1 amu	[M-2NH ₄] ²⁻ = 619.4 amu [M-2NH ₄ +H] ⁻ = 1239.8 amu

Approved By:

