

14:0 Lyso PC

1-myristoyl-2-hydroxy-sn-glycero-3-phosphocholine

855575-1g

Page 1 of 1

Molecular Weight 467.577
Chemical Formula C₂₂H₄₆NO₇P
Physical State Chloroform
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5775CQA056
Avanti Lot Number 855575C-1G-A-056

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
FAME (GC/FID)	NLT 99% 14:0 (AUC)	99.8% (AUC)
Phosphorus Assay (UV/Vis)	95-105% recovery phosphorus	103.6% recovery
Calcium (ICP/MS)	NMT 500 ppm Ca	None Detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 468.577 ± 1 amu	[M+H] ⁺ = 468.2 amu



Approved By:

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