

14:0 PC-d63**1,2-dimyristoyl-d54-sn-glycero-3-phosphocholine-N,N,N-trimethyl-d9****860347P-10mg****Page 1 of 1**

Molecular weight 741.321
Chemical formula C₃₆H₉NO₈PD₆₃
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6499PIA010
Avanti Lot Number 860347P-10MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid 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% 14:0 (AUC)	100% 14:0 (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 737.321-743.321 ± 1 amu (Multiple peaks will be observed across this range due to proton/deuterium exchange)	[M+H] ⁺ = 740.4 amu

Approved By:

