

16:0 PC-d4**1,2-dipalmitoyl-sn-glycero-3-phosphocholine-1,1,2,2-d4****860351P-10mg****Page 1 of 1**

Molecular Weight 738.064
Chemical Formula C₄₀H₇₆NO₈PD₄
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6500PIB050
Avanti Lot Number 860351P-10MG-B-050

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% 16:0 (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 739.064 ± 1 amu	[M+H] ⁺ = 739.1 amu

Approved By: *Andriana Thomas*

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