

MAPCHO[®]-14
 n-tetradecylphosphocholine
850338P-1g

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Molecular Weight 379.515
Chemical Formula C₁₉H₄₂NO₄P
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5641PQD013
Avanti Lot Number 850338P-1G-D-013

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (65:35:8 Chloroform: Methanol: Water)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
¹³ Carbon NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] ⁺ = 380.515 ± 1 amu	[M+H] ⁺ = 380.0 amu

Approved by: *Meredith Bayfoot*

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