

**MAPCHO<sup>®</sup>-14**  
 n-tetradecylphosphocholine  
**850338P-1g**

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**Molecular Weight** 379.515  
**Chemical Formula** C<sub>19</sub>H<sub>42</sub>NO<sub>4</sub>P  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5641PQB012  
**Avanti Lot Number** 850338P-1G-B-012

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> 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
<sup>13</sup> Carbon NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 380.515 ± 1 amu	[M+H] <sup>+</sup> = 380.6 amu

Approved By:



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