

**MAPCHO<sup>®</sup>-12-d38**

dodecyl phosphocholine-d38

**860336P-100mg**

Page 1 of 1

<b>Molecular Weight</b>	389.696
<b>Chemical Formula</b>	C <sub>17</sub> D <sub>38</sub> NO <sub>4</sub> P
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5882PLB021
<b>Avanti Lot Number</b>	860336P-100MG-B-021

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
Phosphorus NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 390.696 ± 1 amu	[M+H] <sup>+</sup> = 390.8 amu
Proton NMR	NMR spectrum consistent with structure	Consistent with structure

 Approved By: *Andriana Thomas*

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