

**14:0 PC-d54**

**1,2-dimyristoyl-d54-sn-glycero-3-phosphocholine**

**860345P-200mg**

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<b>Molecular Weight</b>	732.265
<b>Chemical Formula</b>	C <sub>36</sub> H <sub>18</sub> NO <sub>8</sub> PD <sub>54</sub>
<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>	5886PND059
<b>Avanti Lot Number</b>	860345P-200MG-D-059

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 728.265 – 734.265 ± 1 amu (multiple peaks will be observed across this range due to proton/deuterium exchange)	[M+H] <sup>+</sup> = 731.7 amu

Approved By: *Anderson Thomas*

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