

**14:0 PE-d54**
**1,2-dimyristoyl-d54-sn-glycero-3-phosphoethanolamine**
**860371P-100mg**

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<b>Molecular Weight</b>	690.186
<b>Chemical Formula</b>	C <sub>33</sub> H <sub>12</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>	5897PLA015
<b>Avanti Lot Number</b>	860371P-100MG-A-015

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC	>99% Purity Ninhydrin: positive 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> = 686.186 – 692.186 ± 1 amu (multiple peaks will be observed across this range due to proton/deuterium exchange)	Pass

Approved by:

