

**18:0 PC-d79**

**1,2-distearoyl-d70-sn-glycero-3-phosphocholine-d9**

**860367P-10mg**

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<b>Molecular Weight</b>	869.632
<b>Chemical Formula</b>	C <sub>44</sub> H <sub>9</sub> NO <sub>8</sub> PD <sub>79</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>	6504PIA011
<b>Avanti Lot Number</b>	860367P-10MG-A-011

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder</b> : White solid which contains no foreign matter.	Pass
TLC	>99% Purity Ninhydrin spray: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 18:0 (AUC)	99.3% 18:0 (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M+H] <sup>+</sup> = 866.632-872.632 ± 1 amu (multiple peaks will be observed across this range due to proton/deuterium exchange)	[M+H] <sup>+</sup> = 870.7 amu

Approved by:

