

**18:1-12:0 Biotin PS**

1-oleoyl-2-(12-biotinyl(aminododecanoyl))-sn-glycero-3-phospho-L-serine (ammonium salt)

**860560C-1mg**

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<b>Molecular Weight</b>	964.240
<b>Chemical Formula</b>	C <sub>46</sub> H <sub>86</sub> N <sub>5</sub> O <sub>12</sub> PS
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20 °C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	6005CGA016
<b>Avanti Lot Number</b>	860560C-1MG-A-016

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Chloroform:</b> Clear solution with no foreign matter.	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
Calcium (ICP/MS)	NMT 500ppm	None detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-NH <sub>4</sub> ] <sup>-</sup> = 946.24 ± 1 amu	[M-NH <sub>4</sub> ] <sup>-</sup> = 945.7 amu

Approved By:

