

## 18:1-12:0 Biotin PS

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

860560P-1mg

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**Molecular Weight** 964.240  
**Chemical Formula** C<sub>46</sub>H<sub>86</sub>N<sub>5</sub>O<sub>12</sub>PS  
**Physical State** Powder  
**Storage** -20 °C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 6005PGA016  
**Avanti Lot Number** 860560P-1MG-A-016

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: 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:

