

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

1-(12-biotinyl(aminododecanoyl))-2-oleoyl-sn-glycero-3-phosphoethanolamine

**860511C-1mg**

Page 1 of 1

**Molecular weight** 903.2  
**Chemical formula** C<sub>45</sub>H<sub>83</sub>N<sub>4</sub>O<sub>10</sub>PS  
**Physical State** Chloroform  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 6468CGA010  
**Avanti Lot Number** 860511C-1MG-A-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin spray: Positive Iodine: one major spot Phosphorus: Positive Charring: Positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-H] <sup>-</sup> = 902.2 ± 1 amu	[M-H] <sup>-</sup> = 902.0 ± 1 amu

Approved By:

