

**14:0 PS**
**1,2-dimyristoyl-*sn*-glycero-3-phospho-L-serine (sodium salt)**
**840033P-200mg**
**Page 1 of 1**

<b>Molecular Weight</b>	701.844
<b>Chemical Formula</b>	C <sub>34</sub> H <sub>65</sub> NO <sub>10</sub> PNa
<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>	5496PNC095
<b>Avanti Lot Number</b>	840033P-200MG-C-095

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
FAME (GC/FID)	NLT 99% 14:0 (AUC)	99.7% (AUC)
Calcium (ICP/MS)	NMT 500ppm	68.8 ppm
Mass Spectroscopy	Negative mode: [M-Na] <sup>-</sup> = 678.844 ± 1 amu or Positive mode: [M-Na+2H] <sup>+</sup> = 680.844 ± 1 amu	[M-Na+2H] <sup>+</sup> = 680.4 amu



Approved By:

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