

**14:0 PA-d54**
**1,2-dimyristoyl-d54-sn-glycero-3-phosphate (sodium salt)**
**860450P-10mg**

Page 1 of 1

<b>Molecular Weight</b>	669.1
<b>Chemical Formula</b>	C <sub>31</sub> H <sub>6</sub> O <sub>8</sub> PNaD <sub>54</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>	6509PJA102
<b>Avanti Lot Number</b>	860450P-10MG-A-102

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% 14:0 (AUC)	99.3% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	[M-Na] <sup>+</sup> = 642.1-648.1 ± 1 amu (Multiple peaks will be observed across this range due to proton/deuterium exchange)	[M-Na] <sup>+</sup> = 644.2 amu

Approved by:

