

**18:0 Lyso PS**

1-stearoyl-2-hydroxy-sn-glycero-3-phospho-L-serine (sodium salt)

**858144P-5mg**

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<b>Molecular Weight</b>	547.595
<b>Chemical Formula</b>	C <sub>24</sub> H <sub>47</sub> NPO <sub>9</sub> Na
<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>	5860PHA011
<b>Avanti Lot Number</b>	858144P-5MG-A-011

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
FAME (GC/FID)	NLT 99% 18:0 (AUC)	99.6% (AUC)
Proton NMR	NMR spectrum consistent with structure	consistent with structure
Mass Spectroscopy	[M-H] <sup>-</sup> = 546.595 ± 1 amu [M-Na] <sup>-</sup> = 524.595 ± 1 amu	[M-H] <sup>-</sup> = 546.4 amu [M-Na] <sup>-</sup> = 524.4 amu

Approved by:

