

**18:1 Lyso PS**

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

**858143P-10mg**

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<b>Molecular Weight</b>	545.579
<b>Chemical Formula</b>	C <sub>24</sub> H <sub>45</sub> NO <sub>9</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>	5859PIA041
<b>Avanti Lot Number</b>	858143P-10MG-A-041

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
FAME (GC/FID)	NLT 99% 18:1 (AUC)	100% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus NMR	Run and Report	98.62%
Mass Spectroscopy	[M-Na] <sup>+</sup> = 522.579 ± 1 amu	[M-Na] <sup>+</sup> = 522.4 amu
Calcium (ICP/MS)	NMT 500 ppm	None Detected

 Approved by: *Anderson Thomas*

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