

**18:1 Lyso PA**

1-oleoyl-2-hydroxy-sn-glycero-3-phosphate (sodium salt)

**857130P-25mg**

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<b>Molecular Weight</b>	458.502
<b>Chemical Formula</b>	C <sub>21</sub> H <sub>40</sub> O <sub>7</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>	5798PJA085
<b>Avanti Lot Number</b>	857130P-25MG-A-085

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	<b>Powder:</b> White solid which contains no foreign matter.	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All pass
FAME (GC/FID)	NLT 99% 18:1 (AUC)	99.6% 18:1 (AUC)
Calcium (ICP/MS)	NMT 500ppm	None detected
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus Assay	Concentration ±5% target 95-105% recovery phosphorus	100% recovery phosphorus
Mass Spectroscopy	[M-Na] <sup>+</sup> = 435.502 ± 1 amu	[M-Na] <sup>+</sup> = 435.2 amu

Approved by:

