

**18:1 Lyso PA**

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

**857130C-25mg**

Page 1 of 1

<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>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5798CJB086
<b>Avanti Lot Number</b>	857130C-25MG-B-086

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Chloroform:</b> Clear solution with 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)	99.3% (AUC)
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Proton NMR	NMR spectrum consistent with reference structure	Consistent with structure
Phosphorus Assay	Concentration ±5% target 95-105% recovery phosphorus	99.2% recovery
Mass Spectroscopy	[M-Na] <sup>+</sup> = 435.502 ± 1 amu	[M-Na] <sup>+</sup> = 435.3 amu

Approved By:



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