

## 18:2 Lyso PA

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

857138C-25mg

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<b>Molecular Weight</b>	456.486
<b>Chemical Formula</b>	C <sub>21</sub> H <sub>38</sub> NaO <sub>7</sub> P
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	Three months from date of receipt
<b>M Lot Number</b>	5806CJE019
<b>Avanti Lot Number</b>	857138C-25MG-E-019

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
UV Oxidation	NMT 5% total all wavelengths	0.16% total
FAME (GC/FID)	NLT 99% 18:2 (AUC)	99.1% (AUC)
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Phosphorus Assay	95-105% Recovery phosphorus	97.8% recovery
Calcium (ICP/MS)	NMT 500ppm	None detected
Mass Spectroscopy	[M-Na] <sup>+</sup> = 433.486 ± 1 amu	[M-Na] <sup>+</sup> = 433.3 amu

Approved By:



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