

## 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>	5806CJA020
<b>Avanti Lot Number</b>	857138C-25MG-A-020

ANALYSIS	SPECIFICATION	RESULTS
Physical examination	Chloroform: 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
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% 18:2 (AUC)	99.6% 18:2 (AUC)
Calcium (ICP/MS)	NMT 500ppm	BLOQ
UV Oxidation	NMT 5% total all wavelengths	0.98% total all wavelengths
Mass Spectroscopy	[M-Na] <sup>+</sup> = 433.5 ± 1 amu	[M-Na] <sup>+</sup> = 433.4 amu

Approved By:



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