

## 18:2 Lyso PA

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

857138C-10mg

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**Molecular Weight** 456.486  
**Chemical Formula** C<sub>21</sub>H<sub>38</sub>NaO<sub>7</sub>P  
**Physical State** Chloroform  
**Storage** -20°C  
**Expiration Date** Three months from date of receipt  
**M Lot Number** 5806CIC018  
**Avanti Lot Number** 857138C-10MG-C-018

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	0.26% total all wavelengths
FAME (GC/FID)	NLT 99% 18:2 (AUC)	99.5% (AUC)
Proton NMR	NMR spectrum consistent with structure	consistent with structure
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:

