

**18:2 Lyso PA**

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

**857138C-10mg****Page 1 of 1**

**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** 5806CII019  
**Avanti Lot Number** 857138C-10MG-I-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 500 ppm	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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