

**18:1 Cardioliipin**

1',3'-bis[1,2-dioleoyl-sn-glycero-3-phospho]-sn-glycerol (sodium salt)

**710335P-500mg**

Page 1 of 1

<b>Molecular Weight</b>	1501.959
<b>Chemical Formula</b>	C <sub>81</sub> H <sub>148</sub> O <sub>17</sub> P <sub>2</sub> Na <sub>2</sub>
<b>Physical State</b>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5231PPB059
<b>Avanti Lot Number</b>	710335P-500MG-B-059

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> white solid 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
Mass Spectroscopy	[M-2Na] <sup>2-</sup> = 727.980 ± 1 amu	[M-2Na] <sup>2-</sup> = 728.1 amu
Proton NMR	Run and report	Consistent with structure

 Approved by: *Anderson Thomas*

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