

**16:0 Cardiolipin**

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

**710333P-25mg**

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<b>Molecular Weight</b>	1397.810
<b>Chemical Formula</b>	C <sub>73</sub> H <sub>140</sub> Na <sub>2</sub> O <sub>17</sub> P <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>	5230PJD011
<b>Avanti Lot Number</b>	710333P-25MG-D-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 16:0 (AUC)	99.9% (AUC)
Mass Spectroscopy	[M-2Na+H] <sup>-</sup> = 1352.810 ± 1 amu [M-2Na] <sup>2-</sup> = 676.405 ± 1 amu	[M-2Na+H] <sup>-</sup> = 1352.6 amu [M-2Na] <sup>2-</sup> = 676.3 amu
Calcium (ICP/MS)	NMT 500 ppm	None Detected

Approved By:



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