

**14:0 Cardiolipin (sodium salt)**

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

**750332C-200mg**

Page 1 of 1

<b>Molecular Weight</b>	1285.597
<b>Chemical Formula</b>	C <sub>65</sub> H <sub>124</sub> Na <sub>2</sub> O <sub>17</sub> P <sub>2</sub>
<b>Physical State</b>	Chloroform
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5234CNB031
<b>Avanti Lot Number</b>	750332C-200MG-B-031

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: negative Water dip: one major spot	All Pass
FAME (GC/FID)	NLT 99% 14:0 (AUC)	99.8% (AUC)
Calcium (ICP/MS)	NMT 500ppm	None Detected
Mass Spectroscopy	[M-2Na] <sup>2-</sup> = 619.799 ± 1 amu	[M-2Na] <sup>2-</sup> = 619.6 amu



Approved By:

For Research Use Only. Not For Human Use.