

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

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

**750332P-1g**

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<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>	Powder
<b>Storage</b>	-20°C
<b>Expiration Date</b>	One year from date of receipt
<b>M Lot Number</b>	5234PQB030
<b>Avanti Lot Number</b>	750332P-1G-B-030

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% 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> = 619.3 amu

Approved by:



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