

## 14:0 Cardiolipin (sodium salt)

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

750332P-25mg

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**Molecular Weight** 1285.597  
**Chemical Formula** C<sub>65</sub>H<sub>124</sub>Na<sub>2</sub>O<sub>17</sub>P<sub>2</sub>  
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 5234PJB032  
**Avanti Lot Number** 750332P-25MG-B-032

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	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
FAME (GC/FID)	NLT 99% 14:0 (AUC)	100% 14:0 (AUC)
Calcium (ICP/MS)	NMT 500 ppm	BLOQ
Mass Spectroscopy	[M-2Na] <sup>2-</sup> = 619.8 ± 1 amu [M-2Na+H] <sup>-</sup> = 1240.6 ± 1 amu	[M-2Na] <sup>2-</sup> = 619.4 amu [M-2Na+H] <sup>-</sup> = 1239.8 amu

Approved By:



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