

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

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

**710332C-25mg**

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<b>Molecular Weight</b>	1275.694
<b>Chemical Formula</b>	C <sub>65</sub> H <sub>132</sub> N <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>	5229CJA055
<b>Avanti Lot Number</b>	710332C-25MG-A-055

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)	100% (AUC)
Mass Spectroscopy	[M-2NH <sub>4</sub> +H] <sup>+</sup> = 1240.694 ± 1 amu [M-2NH <sub>4</sub> ] <sup>2-</sup> = 619.847 ± 1 amu	[M-2NH <sub>4</sub> +H] <sup>+</sup> = 1240.4 amu [M-2NH <sub>4</sub> ] <sup>2-</sup> = 619.5 amu
Calcium (ICP/MS)	NMT 500ppm	174.3ppm

Approved By:



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