

**Dilyso Heart CA**

dilyso cardioliipin (Heart, Bovine) (sodium salt)

**850082P-10mg**

Page 1 of 1

<b>Molecular Weight</b>	968.608 (average based on fatty acid distribution in product)
<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>	5581PID058
<b>Avanti Lot Number</b>	850082P-10MG-D-058

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: positive Water dip: one major spot	All Pass
UV Oxidation	NMT 5% total all wavelengths	1.69% total
FAME (GC/FID)	Consistent with historical data 16:0 = ~1.0% 18:1 = ~0.9% 18:2 = ~98.1%	Consistent with historical data
Mass Spectroscopy	[M-2Na+H] <sup>-</sup> = 924.1 ± 1 amu	[M-2Na+H] <sup>-</sup> = 923.7 amu
Calcium (ICP/MS)	NMT 500ppm	None Detected

Approved By:



For Research Use Only. Not For Human Use.

**18:1 Cy7 PE**

**1,2-dioleoyl-sn-glycero-3-phosphoethanolamine-N-(Cyanine 7)**

**810337C-1mg**

**Page 1 of 1**

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