

Heart PE

 L- α -phosphatidylethanolamine (Heart, Bovine)

840025C-25mg
Page 1 of 1

Molecular Weight	763.968 (average based on fatty acid distribution in product)
Physical State	Chloroform
Storage	-20°C
Expiration Date	Three months from date of receipt
M Lot Number	5488CJD150
Avanti Lot Number	840025C-25MG-D-150

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with no foreign matter	Pass
TLC	>99% Purity Ninhydrin: positive Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	All Pass
UV Oxidation	NMT 5% total all wavelengths	0.89% total
FAME (GC/FID)	Consistent with historical data 16:0 = ~1.4% 18:0 = ~29.2% 18:1 = ~3.1% 18:2 = ~20.1% 18:3 = ~0.1% 20:2 = ~0.5% 20:3 = ~3.6% 20:4 = ~36.2% 22:6 = ~1.8% Unknown = 4.1%	Consistent with historical data
Mass Spectroscopy	[M+H] ⁺ = 764.968 ± 1 amu (predominant species) and +NL 141 Scan: [M-141] ⁺ = 764.968 ± 1 amu (predominant species)	Pass

*+NL 141 Scan = Neutral Loss Scan of 141 amu

Approved By:



For Research Use Only. Not For Human Use.