

Liver PI
L- α -phosphatidylinositol (Liver, Bovine) (sodium salt)
840042-100mg
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Molecular Weight	902.12 (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	5504CLB324
Avanti Lot Number	840042C-100MG-B-324

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Chloroform: Clear solution with 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	0.98% total
FAME (GC/FID)	Consistent with historical data 18:0 = ~46% 18:1 = ~8% 18:2 = ~6% 20:3 = ~13% 20:4 = ~17%	Consistent with historical data
Calcium (ICP/MS)	NMT 500 ppm	None Detected
Mass Spectroscopy	[M-Na] ⁻ = 886.12 ± 1 amu (predominant species)	[M-Na] ⁻ = 886.0 amu (predominant species)



Approved By:

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