

Certificate of Analysis

18:0-20:4 PI

1-stearoyl-2-arachidonoyl-sn-glycero-3-phosphoinositol (ammonium salt)

850144P-100ug Page 1 of 1

Molecular weight904.158Chemical formulaC47H86NO13PPhysical StatePowderStorage-20°C

Expiration Date Three months from date of receipt

M Lot Number 5599PDD011

Avanti Lot Number 850144P-100UG-D-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (65:25:4 Chloroform: Methanol: Water)	99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot	99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: positive Water dip: one major spot
FAME (GC/FID)	NLT 50 ± 5% 18:0 (AUC) NLT 50 ± 5% 20:4 (AUC) NLT 99% total	47.8% 18:0 (AUC) 51.6% 20:4 (AUC) 99.4% total
Calcium (ICP/MS)	NMT 500 ppm	BLOQ
UV Oxidation	NMT 5% total all wavelengths	0.50% total all wavelengths
Mass Spectroscopy	[M-NH ₄] ⁻ = 886.2 ± 1 amu	[M-NH ₄] ⁻ = 886.0 amu

Approved By:

For Research Use Only. Not For Human Use.

Thyanora