

16:0-18:1 PG

1-palmitoyl-2-oleoyl-sn-glycero-3-phospho-(1'-rac-glycerol) (sodium salt)

840457C-1g

Page 1 of 1

Molecular Weight 770.989
Chemical Formula C₄₀H₇₆O₁₀PNa
Physical State Chloroform
Storage -20 °C
Expiration Date One year from date of receipt
M Lot Number 5535CQA144
Avanti Lot Number 840457C-1G-A-144

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
FAME (GC/FID)	50 ± 5% 16:0 (AUC) 50 ± 5% 18:1 (AUC) NLT 99% total	46.6% 16:0 (AUC) 52.3% 18:1 (AUC) Total 99%
Calcium (ICP/MS)	NMT 500ppm	None detected
Mass Spectroscopy	Negative mode: [M-Na] ⁻ = 747.989 ± 1 amu or Positive mode: [M-Na+2H] ⁺ = 749.989 ± 1 amu	[M-Na] ⁻ = 747.6 amu

Approved by:

