

18:0-22:6 PC**1-stearoyl-2-docosaheptaenoyl-sn-glycero-3-phosphocholine****850472C-1g****Page 1 of 1**

Molecular Weight 834.156
Chemical Formula C₄₈H₈₄NO₈P
Physical State Chloroform
Storage -20°C
Expiration Date Three months from date of receipt
M Lot Number 5688CQL048
Avanti Lot Number 850472C-1G-L-048

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	1.34% total
FAME (GC/FID)	NLT 50% ± 5% 18:0 (AUC) NLT 50% ± 5% 22:6 (AUC) NLT 99% total	46% 18:0 (AUC) 54% 22:6 (AUC) 100% total
Mass Spectroscopy	[M+H] ⁺ = 835.156 ± 1 amu	[M+H] ⁺ = 834.6 amu

Approved By: *Andriana Thomas*

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