

16:0 CDP DG**1,2-dipalmitoyl-sn-glycero-3-(cytidine diphosphate) (ammonium salt)****870510P-5mg****Page 1 of 1**

Molecular Weight 988.134
Chemical Formula C₄₄H₈₇N₅O₁₅P₂
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 6204PHA015
Avanti Lot Number 870510P-5MG-A-015

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (65:35:8 Chloroform: Methanol: Water)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Calcium (ICP/MS)	NMT 500 ppm	84.2 ppm
Mass Spectroscopy	[M-2NH ₄ +H] ⁺ = 953.134 ± 1 amu	[M-2NH ₄ +H] ⁺ = 952.8 amu

Approved By: *Anderson Thomas*

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