

Certificate of Analysis

18:0 PE-DTPA

1,2-distearoyl-sn-glycero-3-phosphoethanolamine-N-diethylenetriaminepentaacetic acid (ammonium salt)

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Physical State Powder Storage -20°C

Expiration Date One year from date of receipt

M Lot Number 5265PHJ011

Avanti Lot Number 791300P-5MG-J-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder : White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative lodine: one major spot Phosphorus: positive Charring: negative Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Mass Spectroscopy	Consistent with historical data	Consistent with historical data

Approved By:

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