

Certificate of Analysis

N-TETAMINE-pLys40

N,N-ditetradecylamine-polylysine(40), TFA salt

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Molecular Weight 9514.45

Chemical Formula $C_{350}H_{539}F_{123}N_{81}O_{81}$

Physical State Powder Storage -20°C

Expiration Date One year from date of receipt

M Lot Number 7146PJB010

Avanti Lot Number 880158P-25MG-B-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (65:35:8 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity	>99% Purity
	Ninhydrin: positive	Ninhydrin: positive
	lodine: one major spot	lodine: one major spot
	Phosphorus: negative	Phosphorus: negative
	Charring: negative	Charring: negative
	Water dip: one major spot	Water dip: one major spot
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
	Run and report number of repeat units (DP _n)	$DP_n = 40 \text{ units}$

Approved By:

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