

## N-tetradecyl-pSar25

N-tetradecyl polysarcosine-25

870315P-25mg

Page 1 of 1

**Molecular Weight** 1990.38  
**Chemical Formula**  $C_{89}H_{156}N_{26}O_{25}$   
**Physical State** Powder  
**Storage** -20°C  
**Expiration Date** One year from date of receipt  
**M Lot Number** 7055PJC010  
**Avanti Lot Number** 870315P-25MG-C-010

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	<b>Powder:</b> White solid which contains no foreign matter	Pass
TLC (65:25:4 Chloroform: Methanol: Ammonium Hydroxide)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	All Pass
Proton NMR	Run and Report	Consistent with structure Avg. of 26 repeating units observed
Molecular Weight (Mw) by LC-TOF-MS	Run and Report	2113.866
Polydispersity Index (PDI) by LC-TOF-MS	Run and Report	1.011

Approved By: *Anderson Thomas*

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