

ALC-0159
2-[(polyethylene glycol)-2000]-N,N-ditetradecylacetamide
880155P-200mg
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Physical State	Powder
Chemical Formula	$C_{30}H_{60}NO(C_2H_4O)_nOCH_3$, n=45-50
Molecular Weight	~2400-2600
Storage	-20°C
Expiration Date	One year from date of receipt
M Lot Number	7050PND011
Avanti Lot Number	880155P-200MG-D-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: negative Water dip: one major spot
Impurities by UHPLC-CAD	NLT 95.0% ALC0159 NMT 5.0% sum of all impurities	96.4% ALC0159 3.6% total impurities
Proton NMR	NMR spectrum consistent with structure	Consistent with structure
Molecular Weight (Mw) by TOF-MS	Run and report	2435.820
Polydispersity Index (PDI) by TOF-MS	Run and report	1.011

Approved By:



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