

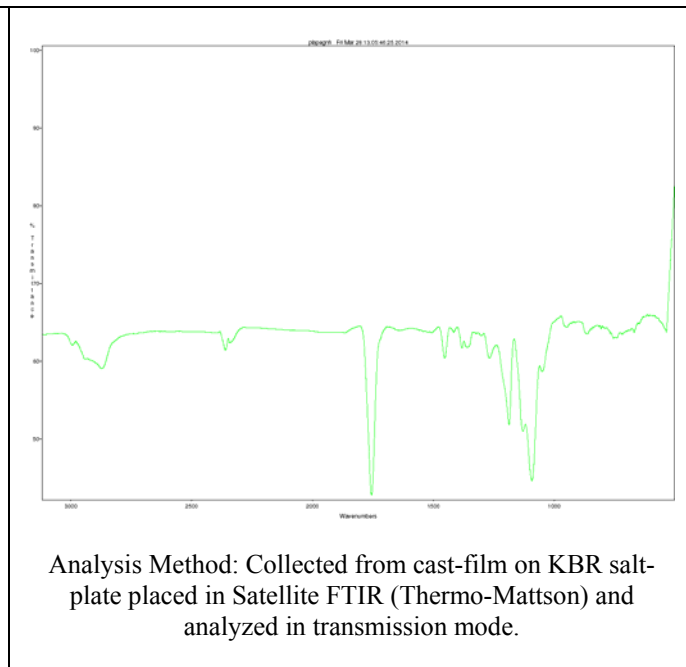
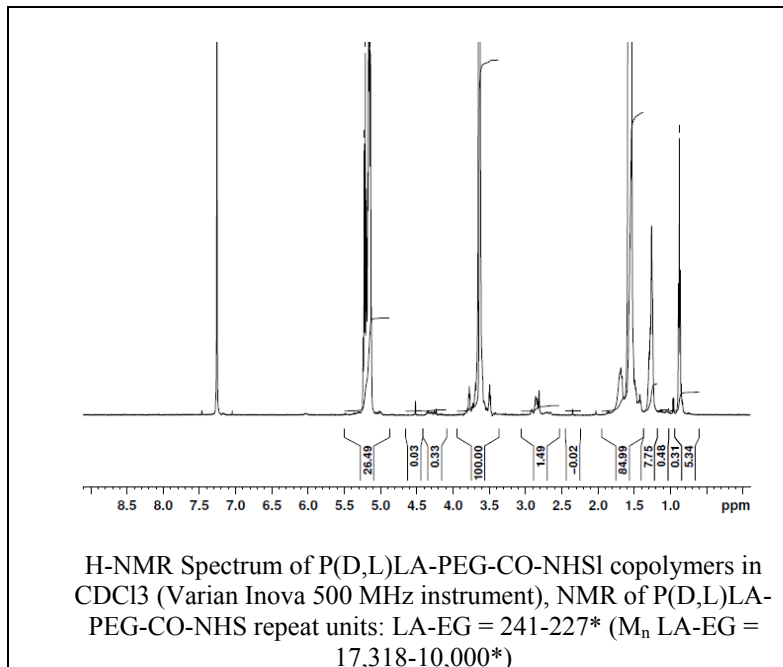
No. AI68

Certificate of Analysis

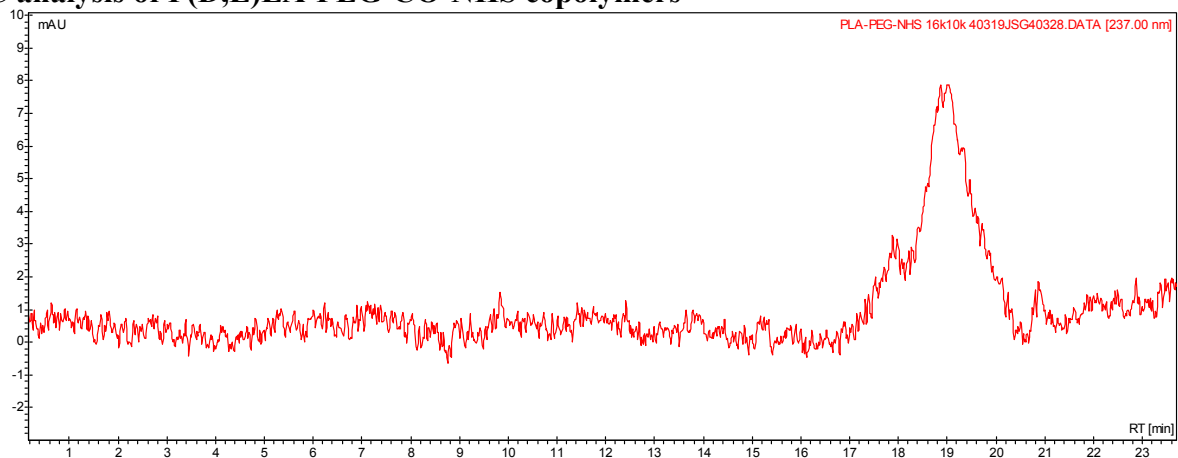
Product Name: Poly(D,L-lactide)-b-Poly(ethylene glycol)-carbonyl-n-hydroxysuccinimide copolymers (M_w 16,000:10,000 Da) (Lot#: 40319JSG) (REV-A, updated HNMR calculations)

H-NMR

FTIR



- GPC analysis of P(D,L)LA-PEG-CO-NHS copolymers**



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Phenogel 5 μ m columns and one PLgel Resipore column (Agilent). Detection via UV/Vis, calibrated against polystyrene standards

Polymer	M _n (from GPC)	M _w (from GPC)	PDI
P(D,L)LA-PEG-CO-NHS	24,086	32,729	1.36
PEG Precursor	Average Mn (GFC) 10,300*		

*-data provided by manufacturer

- Structure of P(D,L)LA-PEG-CO-NHS copolymers**

