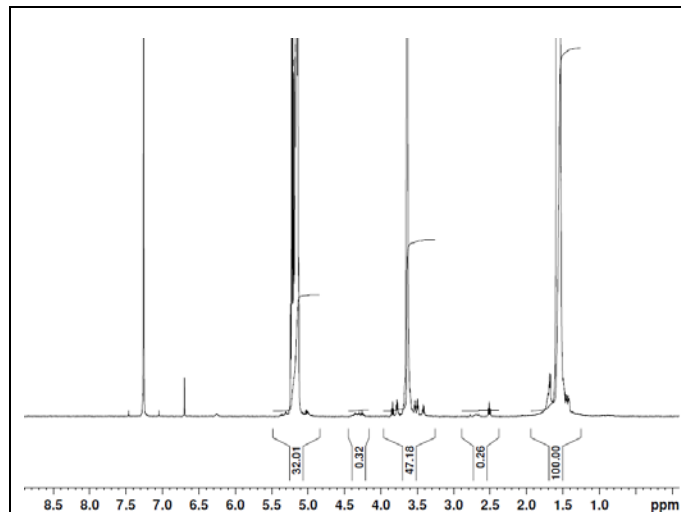


No. AI65

Certificate of Analysis

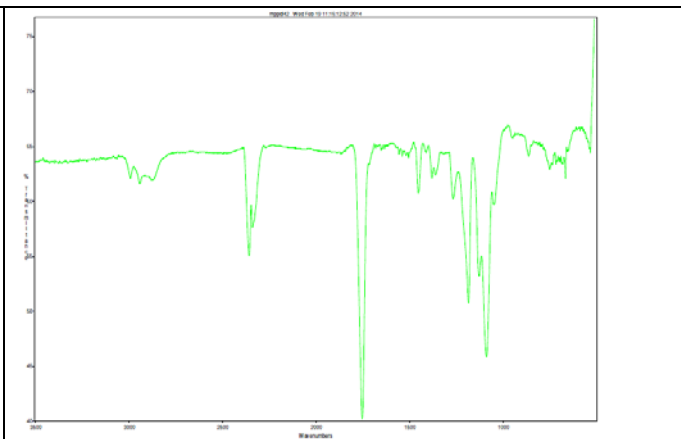
Product Name: Maleimide-Poly(ethylene glycol)-b-Poly(D,L-lactide)(MW 5,000:16,000 Da)
 (Lot#: 40210JSG) (REV:A Updated HNMR calculations)

H-NMR



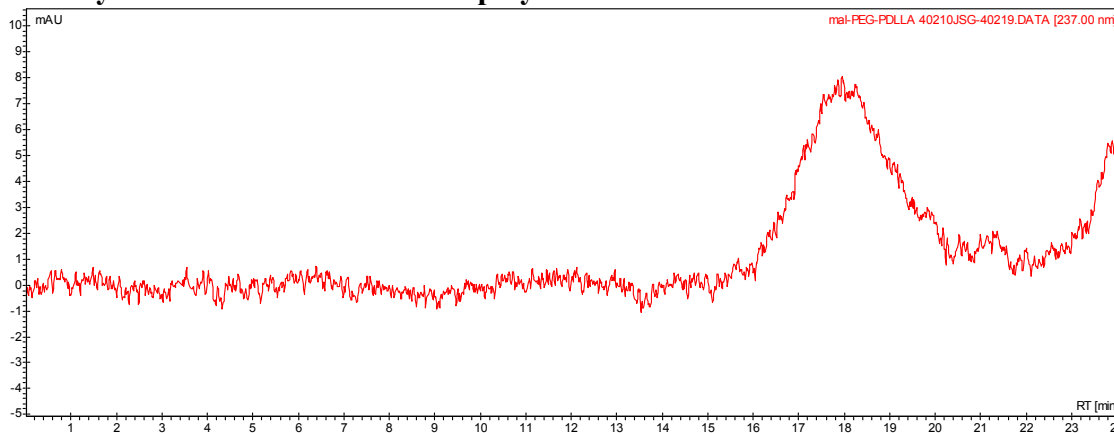
H-NMR Spectrum of Mal-PEG-PDLLA copolymers in CDCl₃ (Varian Inova 500 MHz instrument), NMR of repeat units: EG-LA = 104*-282 (Mn LA-EG = 4582*-20,321 (*-data provided by MFG)

FTIR



Analysis Method: Collected from cast-film on KBR salt-plate placed in Satellite FTIR (Thermo-Mattson) and analyzed in transmission mode.

- GPC analysis of Mal-PEG-PDLLA copolymers**



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

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
Mal-PEG-PDLLA	20,678	34,433	1.67
PEG Precursor	Average Mn (GFC) *4600		

*-data provided by manufacturer

- Structure of Mal-PEG-PDLLA copolymers**

