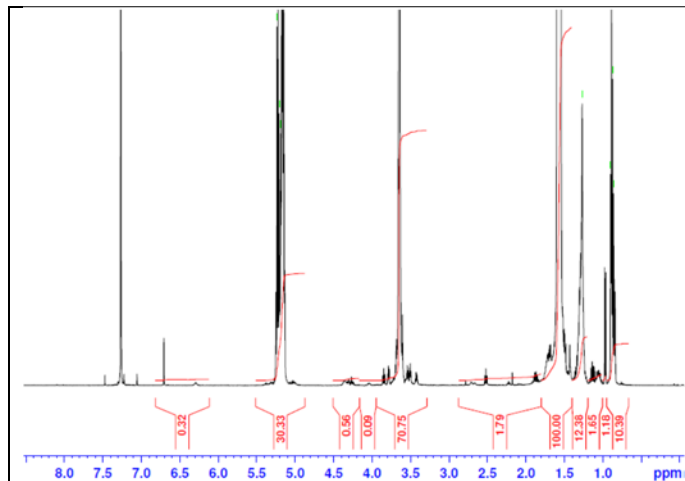


No. AI065

Certificate of Analysis

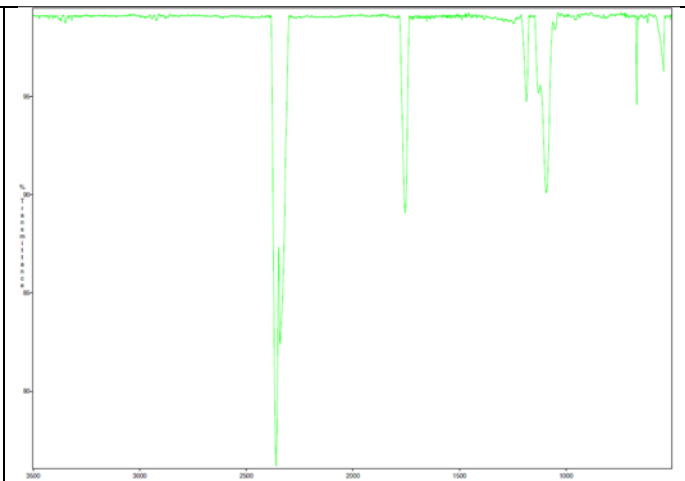
Product Name: Maleimide-Poly(ethylene glycol)-b-Poly(D,L-lactide)(MW 5,000:16,000 Da)
(Lot#: 60111JSG-A-D) (*REPURIFIED*)

H-NMR



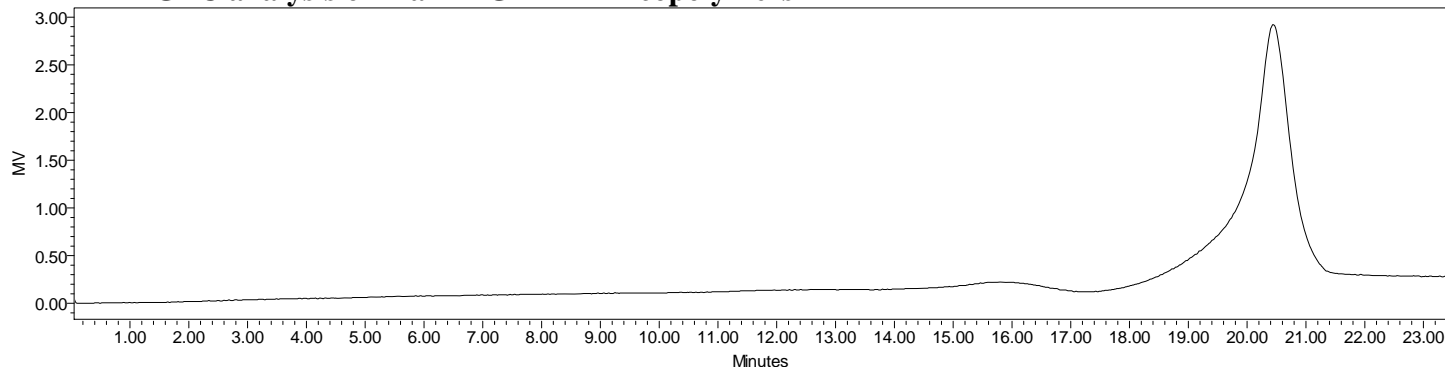
H-NMR Spectrum of Mal-PEG-PDLLA copolymers in CDCl₃ (Varian Inova 500 MHz instrument), NMR of repeat units: EG-LA = 102*-175 (Mn EG-LA = 4494*-12,593 (*data provided by MFG)

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

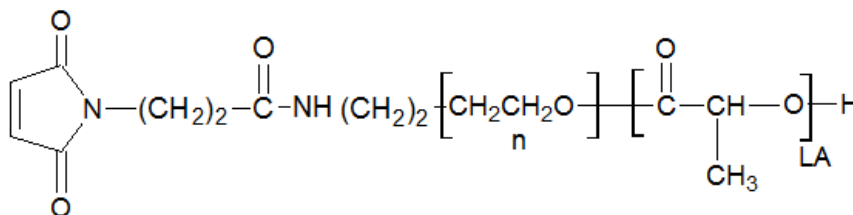


Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Phenogel 5u columns and one PLgel Resipore column (Agilent). Detection via UV/Vis, calibrated against polystyrene standards

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
Mal-PEG-PDLLA	25,462	28,051	1.10
PEG Precursor		4500*	

*-data provided by manufacturer

• Structure of Mal-PEG-PDLLA copolymers



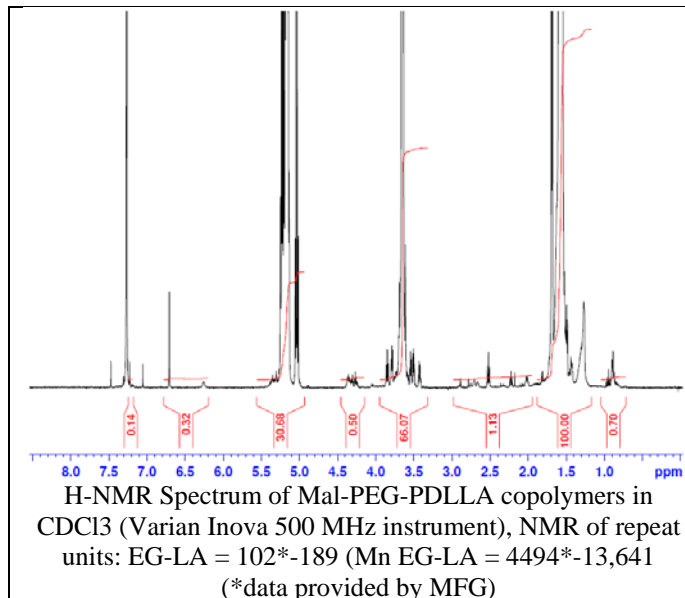
Material provided for research use only. Not for human use.

No. AI065

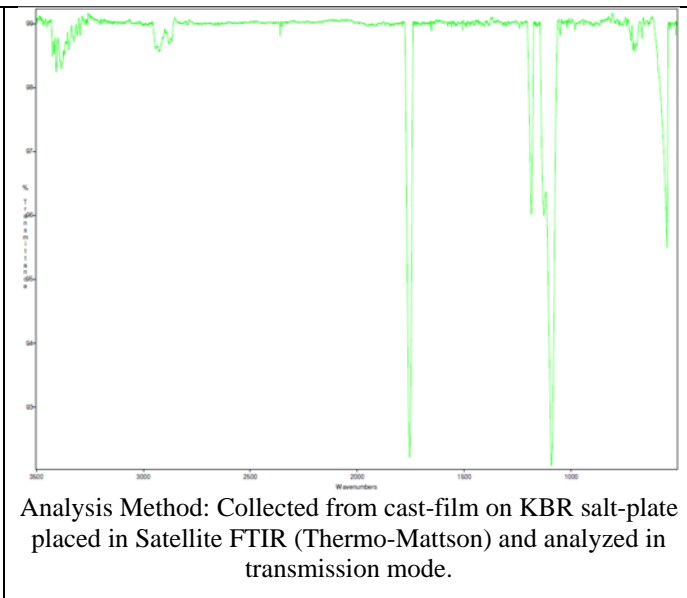
Certificate of Analysis

Product Name: Maleimide-Poly(ethylene glycol)-b-Poly(D,L-lactide)(MW 5,000:16,000 Da)
(Lot#: 60111JSG-A) (ORIGINAL)

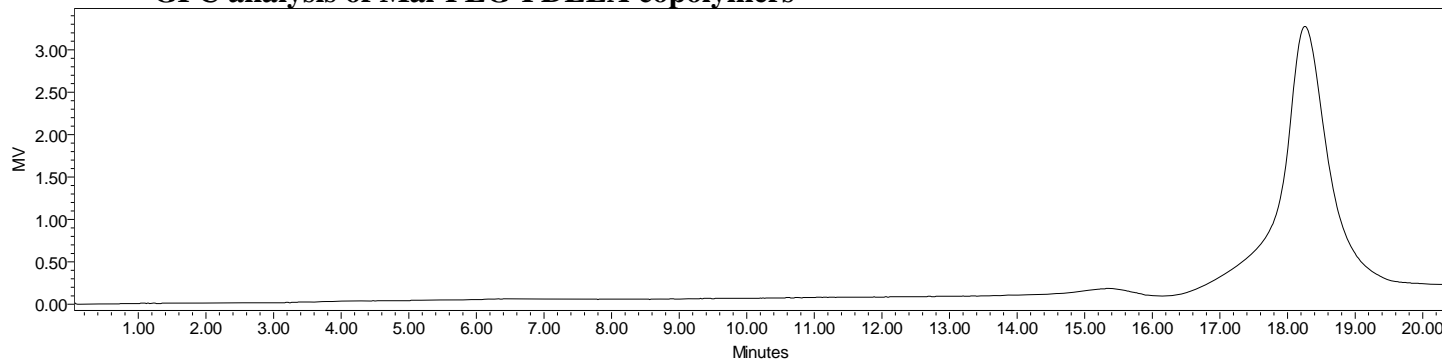
H-NMR



FTIR



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

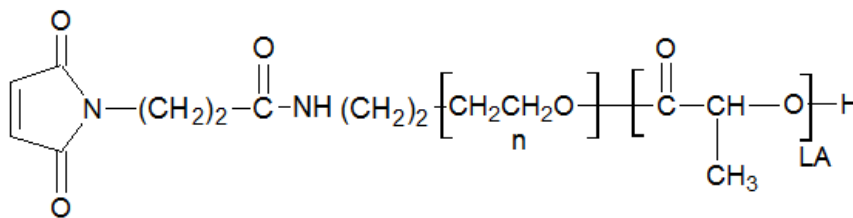


Analysis Method: Varian Prostar system with 1 ml/min DCM flow across three Phenogel 5u columns (Agilent). Detection via UV/Vis, calibrated against polystyrene standards

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
Mal-PEG-PDLLA	25,634	32,586	1.27
PEG Precursor		4500*	

*-data provided by manufacturer

- **Structure of Mal-PEG-PDLLA copolymers**



Material provided for research use only. Not for human use.