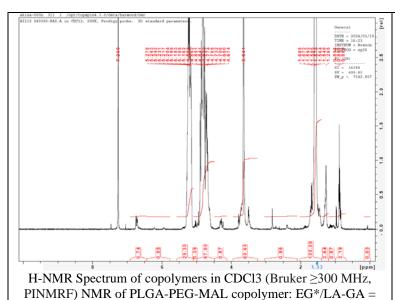
No. AI110

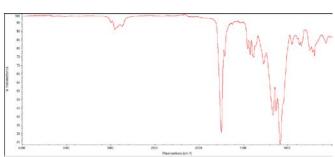
Certificate of Analysis



Product Name: Poly(lactide-co-glycolide)-b-Poly(ethylene glycol)-Maleimide Copolymers (M_w ~30,000-5,000Da, LA:GA 50:50) (Lot#: 240306RAI-A)



107*/207-201 (Mn EG*/LA:GA 4714*/14887-11673 Da)



FTIR Analysis: Collected from IS5 ID7-ATR spectrometer (Thermo Scientific) and analyzed in transmission mode.

GPC-ES Analysis Method: Waters Breeze 2 system with 1 ml/min THF flow across three GPC columns. Detection via refractive index, calibrated against polystyrene standards.

Polymer	M _n (from GPC)	M _w (from GPC)	PDI
PLGA-PEG-MAL	35,194	58,195	1.65
PEG-precursor*	Mn = 4700*		

*- from MFG data

• Structure of PLGA-PEG-Mal copolymers

Approved By: *Amie Tyler*Quality Manager