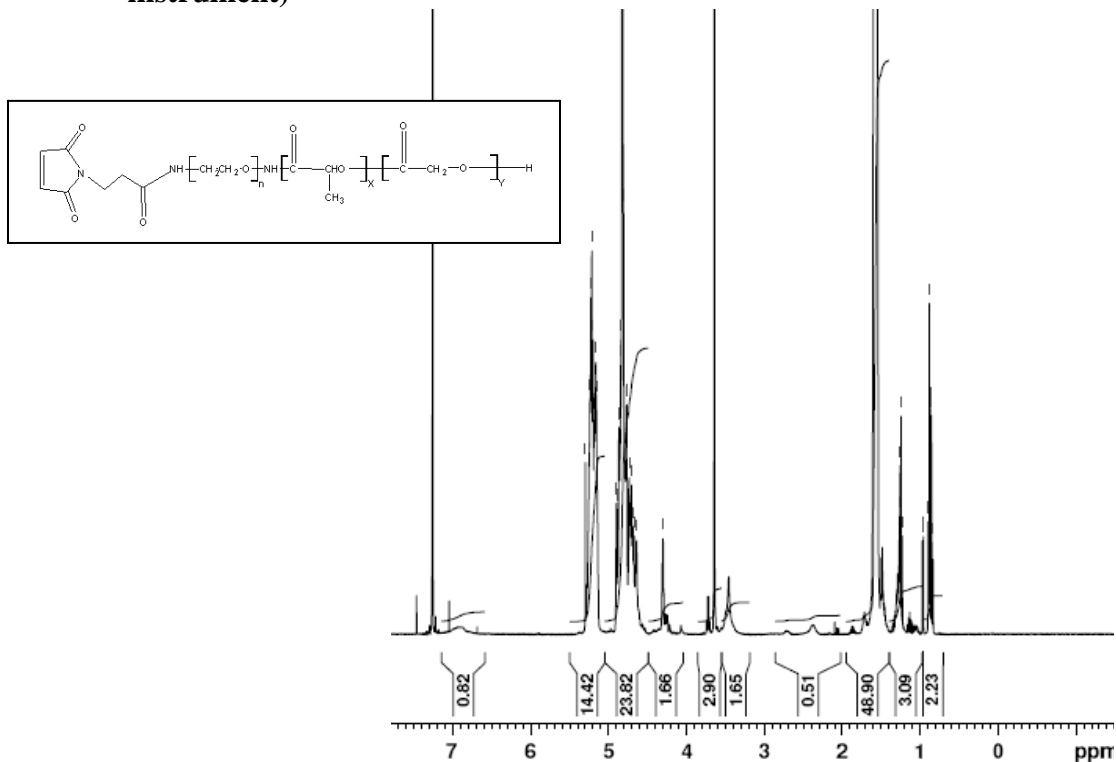


No. AI-03 Certificate of Analysis

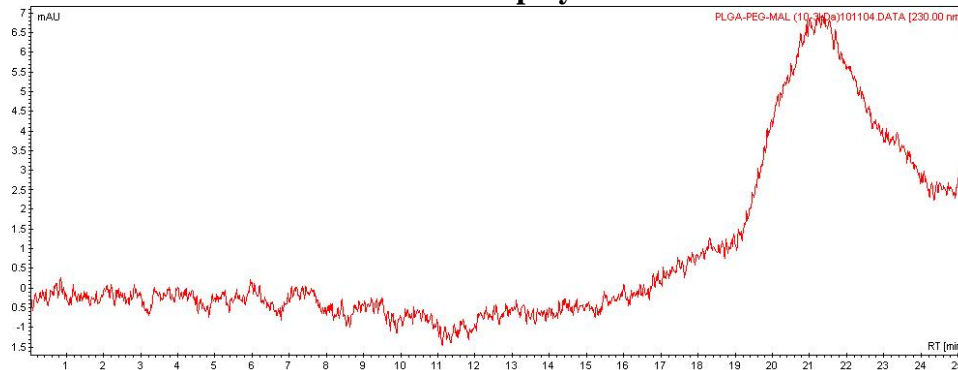
Product Name: Maleimide-*b*-Poly(ethylene glycol)-*b*-Poly(lactic-co-glycolic acid) (3000Da-5000Da) copolymers

- ¹H-NMR Spectrum of Mal-PEG-PLGA diblock copolymer in CDCl₃ (Varian Inova 300 MHz instrument)



M_n, NMR of Mal-PEG-PLA/PGA copolymers

- GPC analysis of Maleimide-PEG-PLGA diblock copolymers



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Resipore 3 um columns and one Mixed E column (Varian) and with UV-Vis (PDA) detection. Calibrated against polystyrene standards

Polymer	M _n (from GPC)	M _w (from GPC)	PDI
No. AKLGEG-Mal	5722	8676	1.52