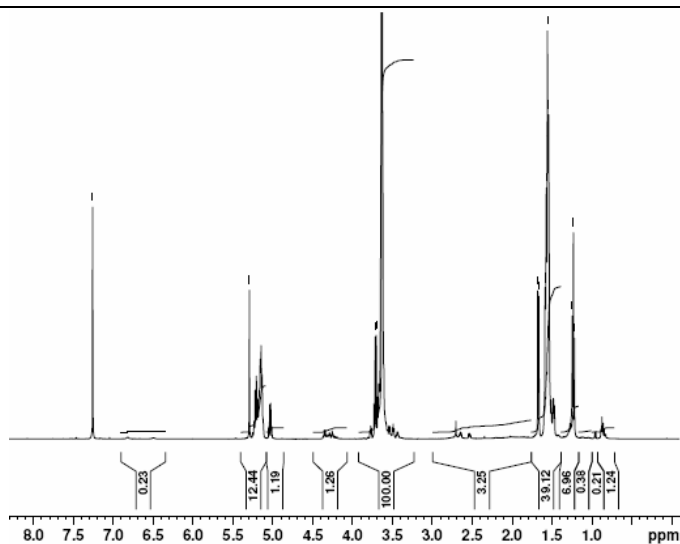


No. AI37

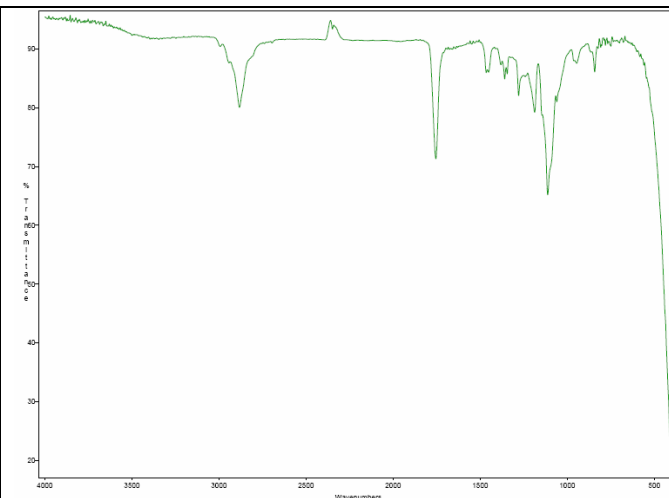
Certificate of Analysis



Product Name: Poly((D,L)lactide)-b-Poly(ethylene glycol)-Carboxylic acid copolymers
(M_w ~ 2500:3000Da) (Lot#: 30305JSG) REV:A

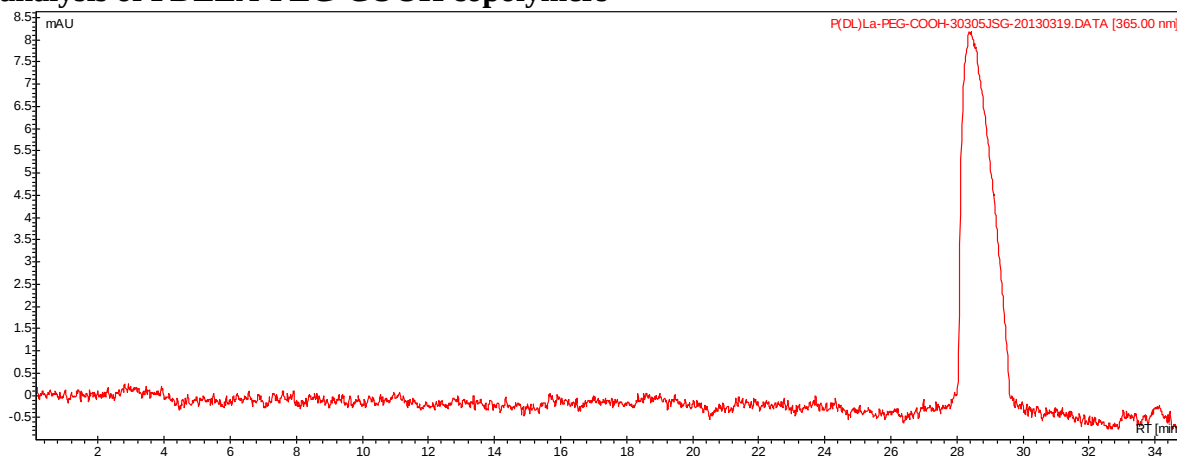


H-NMR Spectrum of PDLLA-PEG-COOG copolymers in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PDLLA-PEG-COOH repeat units: EG-LA = 69-34 (M_n: 3040-2472Da)



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

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



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

Polymer	M _n (from GPC)	M _w (from GPC)	PDI
PDLLA-PEG-COOH	5365	5523	1.03
PEG precursor	3073*		1.03*

* - Information provided by MFG

- Structure of PDLLA-PEG-COOH copolymers**

