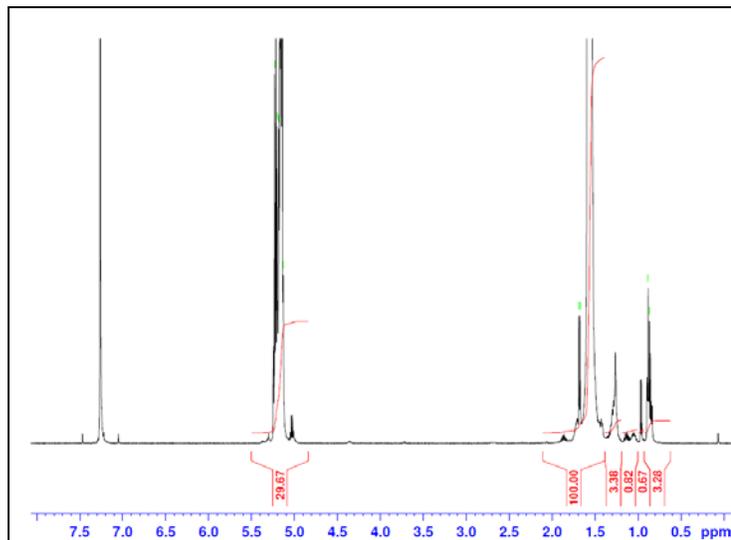


No. AP138

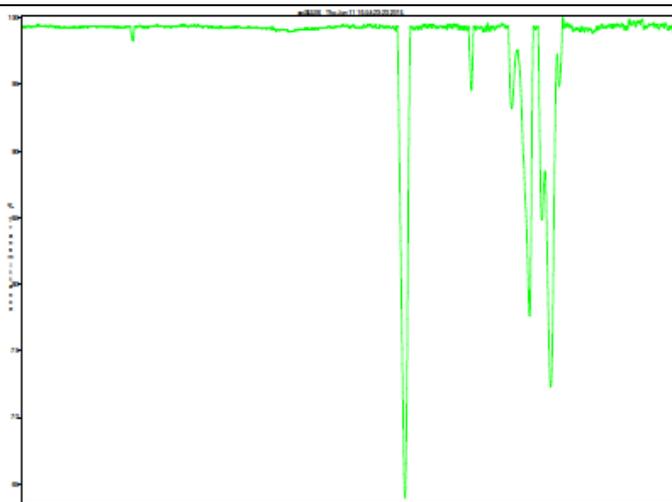
Certificate of Analysis



Product Name: Poly(D,L-lactide) acid endcap (M_n 100,000-200,000 Da)
(Lot# 50604MLS)

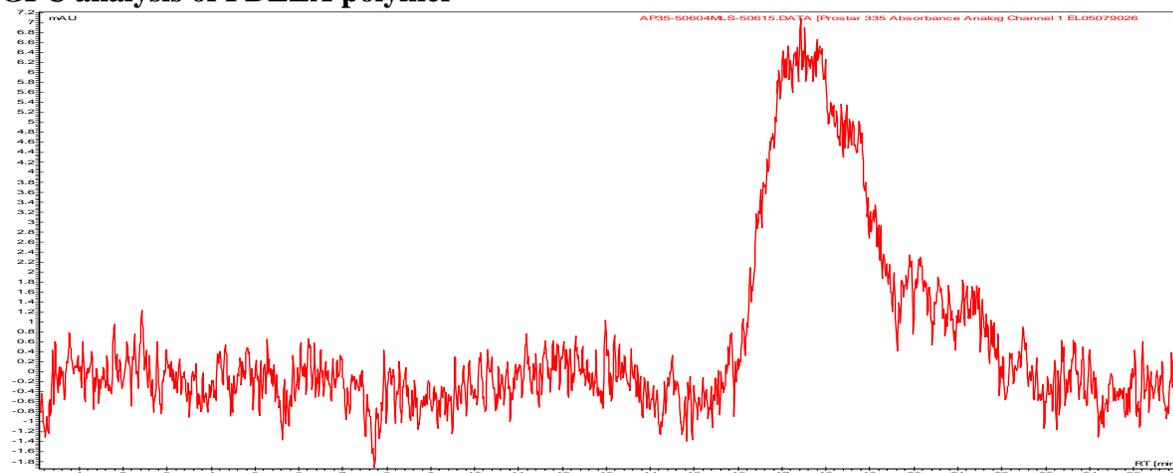


H-NMR Spectrum of PDLA polymer in $CDCl_3$
(Varian Inova 500 MHz instrument)



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

- **GPC analysis of PDLA polymer**



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

Polymer	M_n (from GPC)	M_w (from GPC)	PDI
PDLA	112,692	176,643	1.57

- **Structure of PDLA polymer**

