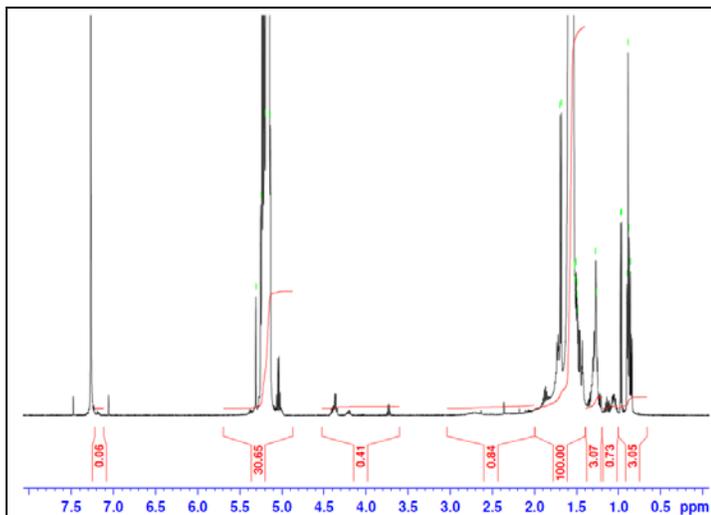


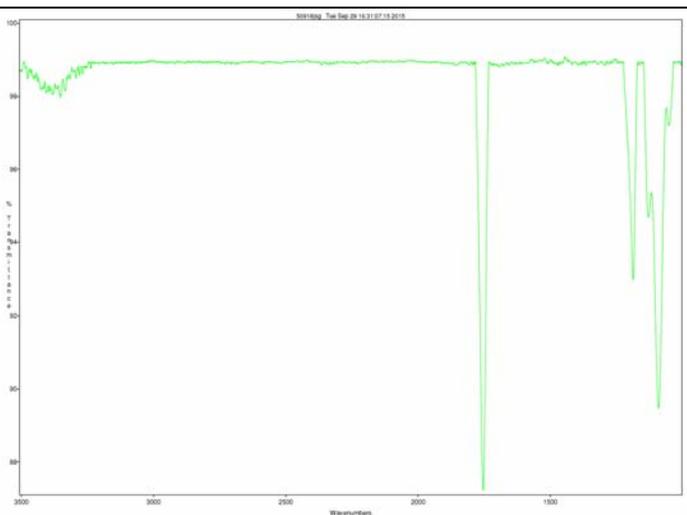
No. AP156

# Certificate of Analysis

Product Name: Poly((D,L)lactide) acid endcap (Mn 10,000-15,000 Da) (Lot#50918JSG)

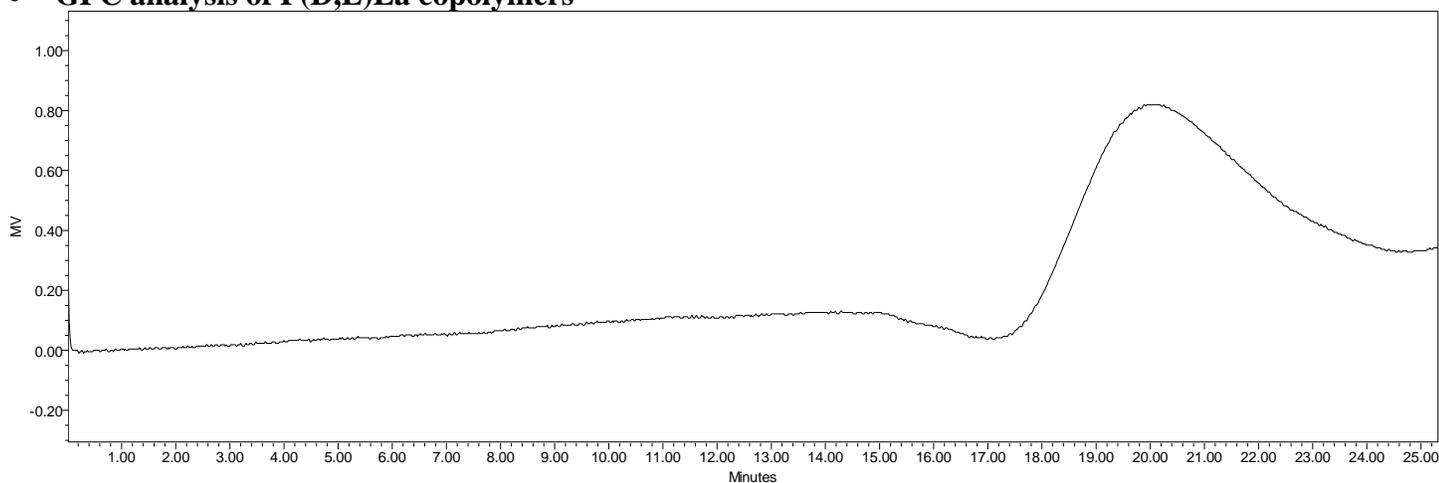


H-NMR Spectrum of P(D,L)Lactide Acid copolymer in CDCl<sub>3</sub>  
(Varian Inova 500 MHz instrument)



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

- **GPC analysis of P(D,L)La copolymers**



Analysis Method: Waters Breeze 2 system with 1 ml/min DCM flow across three Phenogel 5um columns (Phenomenex). Detection via refractive index, Calibrated against polystyrene standards

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
P(D,L)Lactide	13,324	26,241	1.97

- **Structure of P(D,L)La copolymers**

