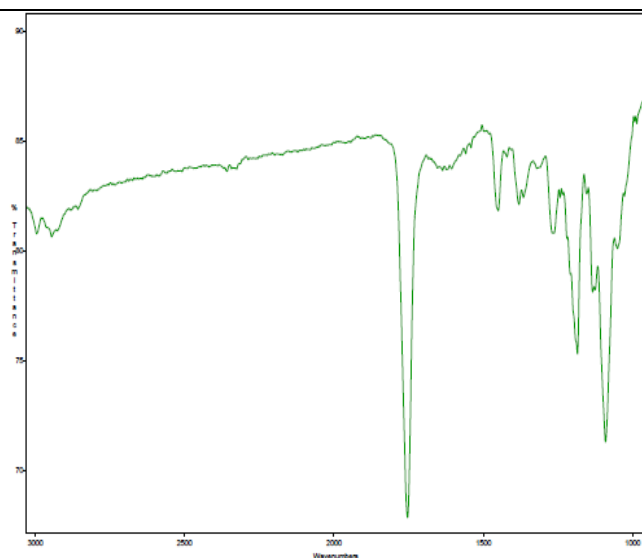
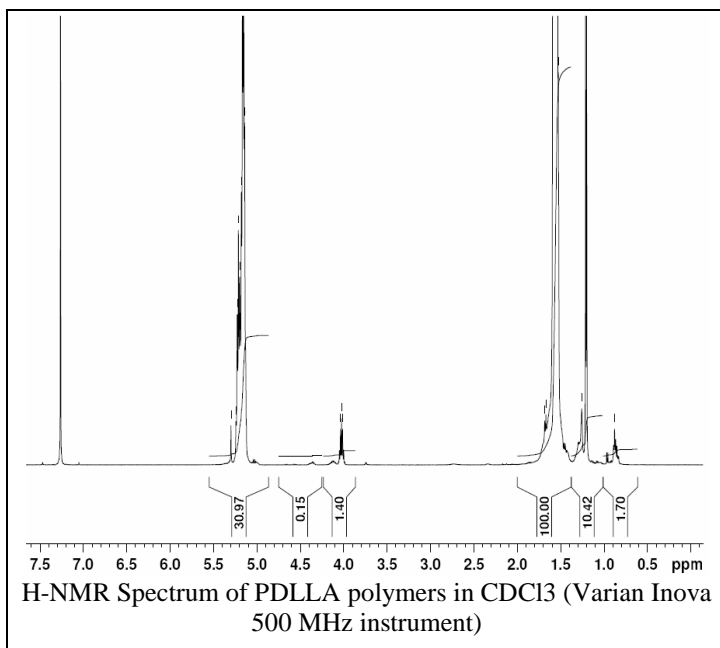


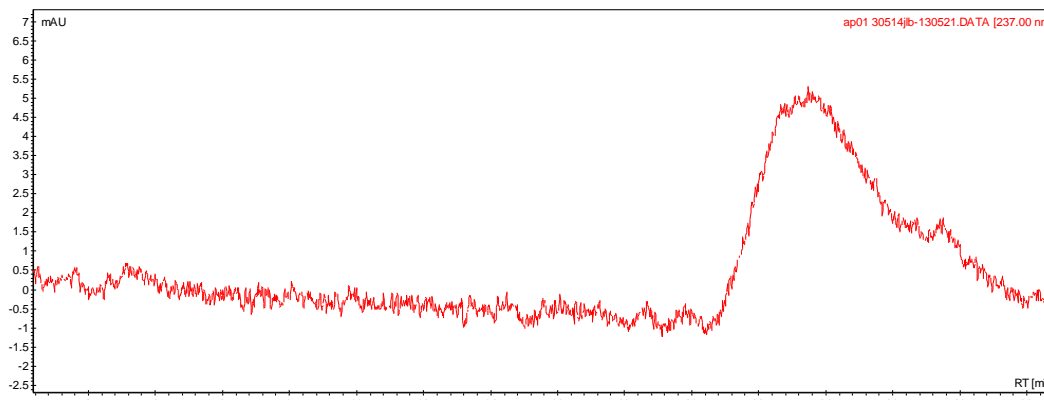
# No. AP01 Certificate of Analysis

Product Name: Poly(DL-lactic acid) ester endcapped (Mn: 10,000-15,000 Da) (Lot#: 30514JLB)



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

- GPC analysis of PDLLA polymers



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

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PDLLA	14,931	43,646	2.92

- Structure of PDLLA polymers

