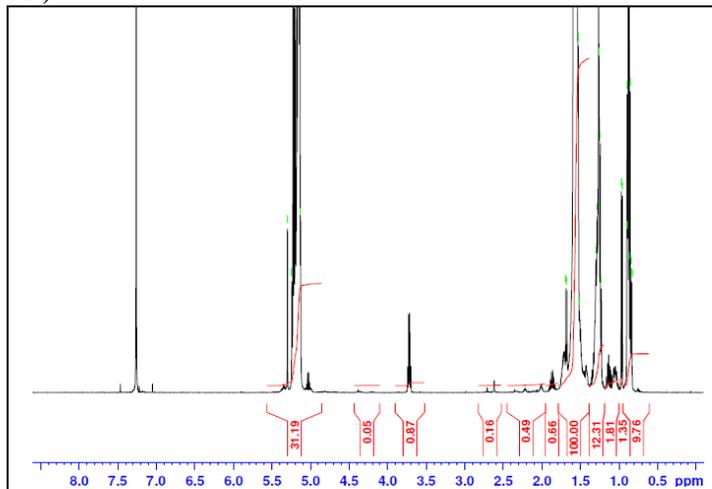
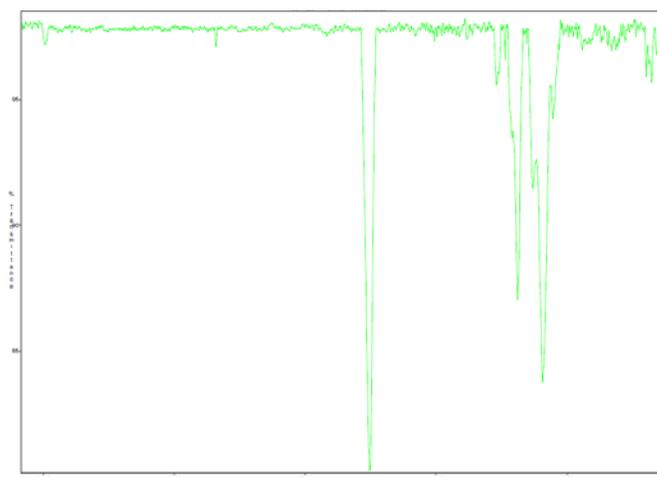


# No. AP072 Certificate of Analysis

Product Name: Poly(DL-lactic acid) ester endcapped (Mn: 85,000-100,000 Da) (Lot# 41126FAJ-B)

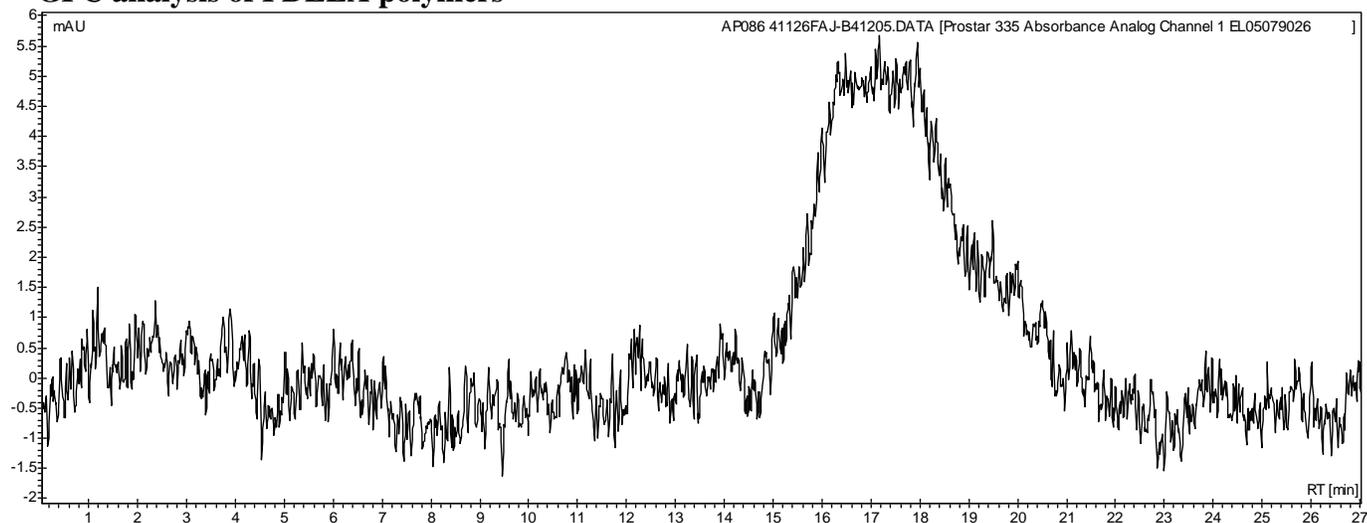


H-NMR Spectrum of PDLLA polymers in CDCl<sub>3</sub> (Varian Inova 500 MHz instrument)



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

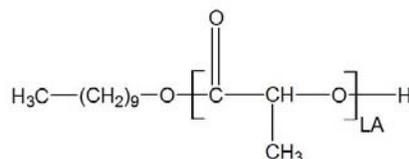
## • GPC analysis of PDLLA polymers



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

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PDLLA	90,742	266,333	2.93

## • Structure of PDLLA polymers



Material provided for research use only. Not for human use.

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