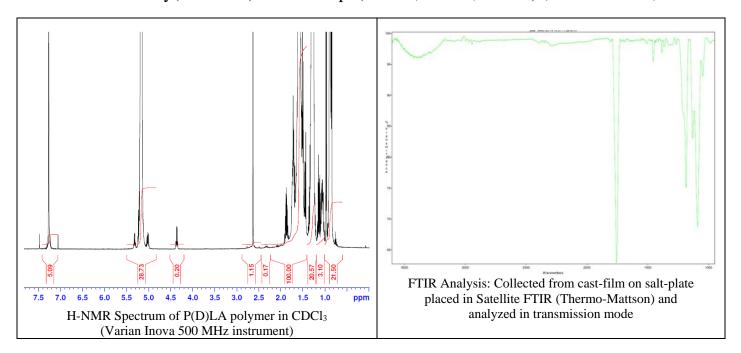
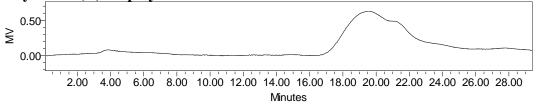
No. AP159

Certificate of Analysis

Product Name: Poly(D-lactide) acid endcap (M_n: 10,000-15,000 Da) (Lot#: 51008FAJ)



• GPC analysis of P(D)LA polymer



Analysis Method: Waters Breeze 2 system with 1 ml/min DCM flow across three Phenogel 5µm columns. Detection via RI, calibrated against polystyrene standards.

Polymer	M _n (from GPC)	M _w (from GPC)	PDI
P(D)LA	12621	33291	2.68

• Structure of P(D)LA polymer

$$H = \begin{bmatrix} O \\ O \\ C \\ C \\ C \\ C \\ C \end{bmatrix}_{LA} OH$$