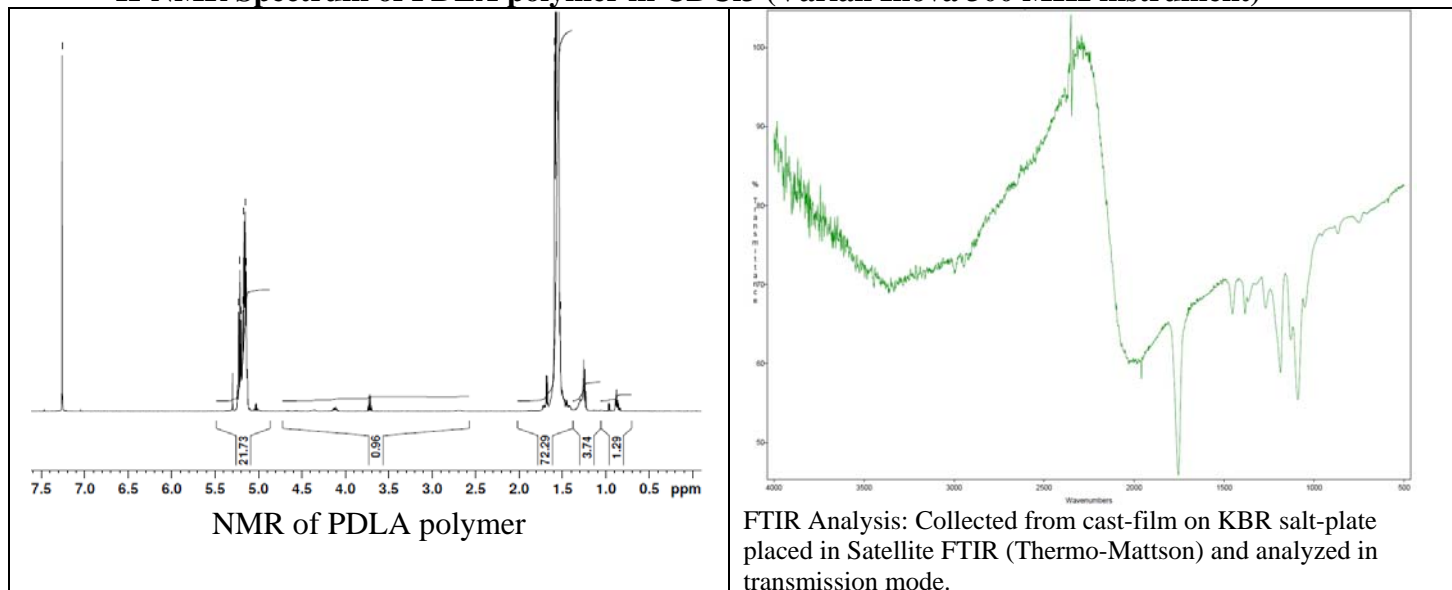


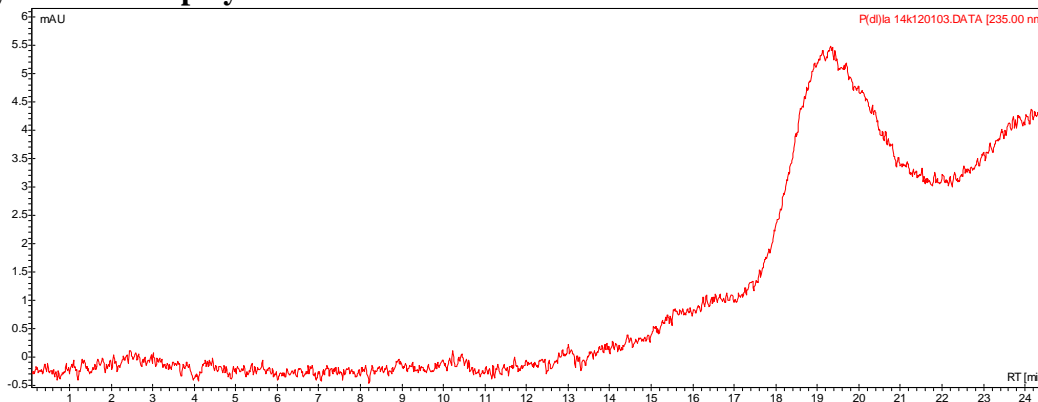
# No. AK-PDLA-14E Certificate of Analysis

Product Name: Poly(D,L-lactic) acid ester endcap polymer

- $^1\text{H-NMR}$  Spectrum of PDLA polymer in  $\text{CDCl}_3$  (Varian Inova 300 MHz instrument)**



- GPC analysis of PDLA polymer**



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Resipore 3  $\mu\text{m}$  columns and one Mixed E column (Varian) and with UV-Vis (PDA) detection. Calibrated against polystyrene standards

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
P(D,L)La	13888	21110	1.52

- Structure of PDLA polymer**

