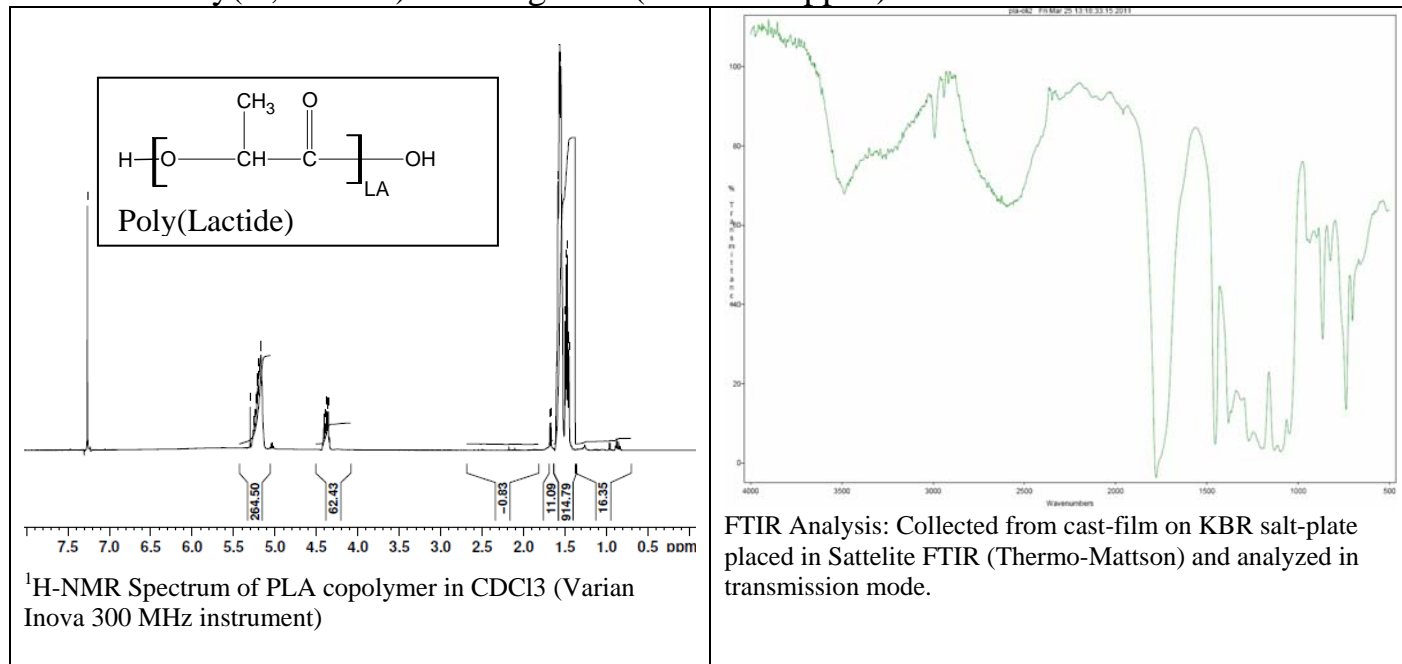
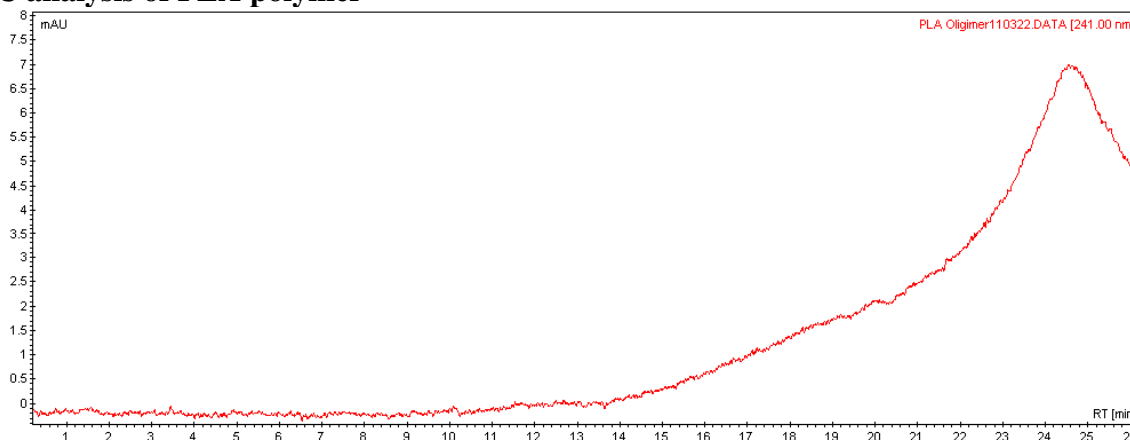


No. PDLA-OLI-A Certificate of Analysis

Product Name: Poly(D,L-lactic) acid oligomer (acid endcapped)



- GPC analysis of PLA polymer**



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Resipore 3 um 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	1900	4987	2.62