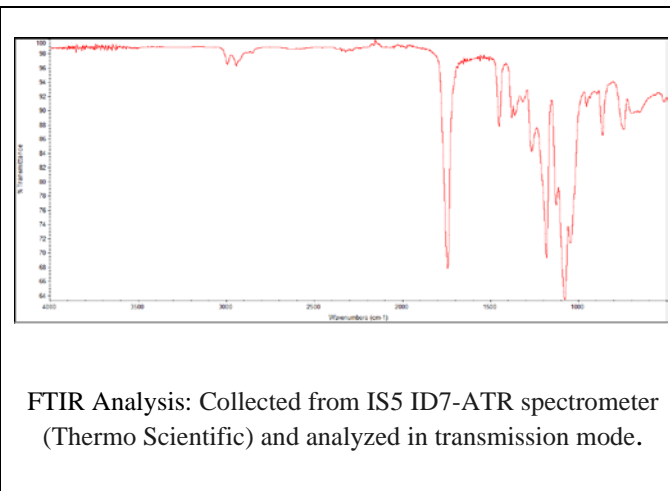
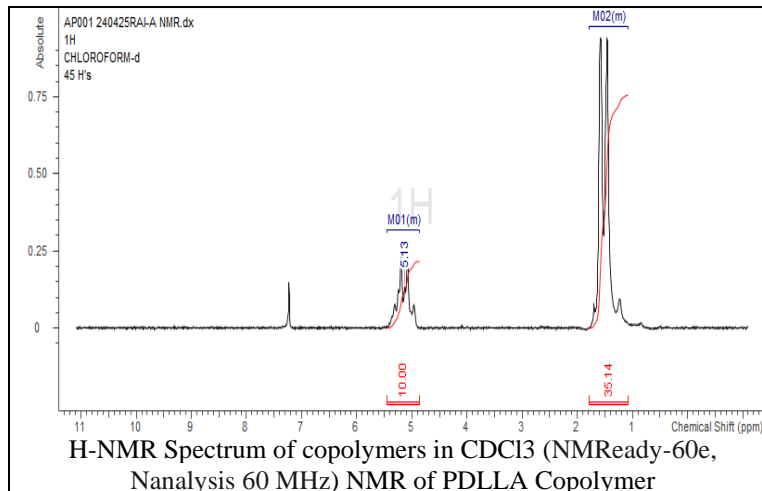


No. AP001

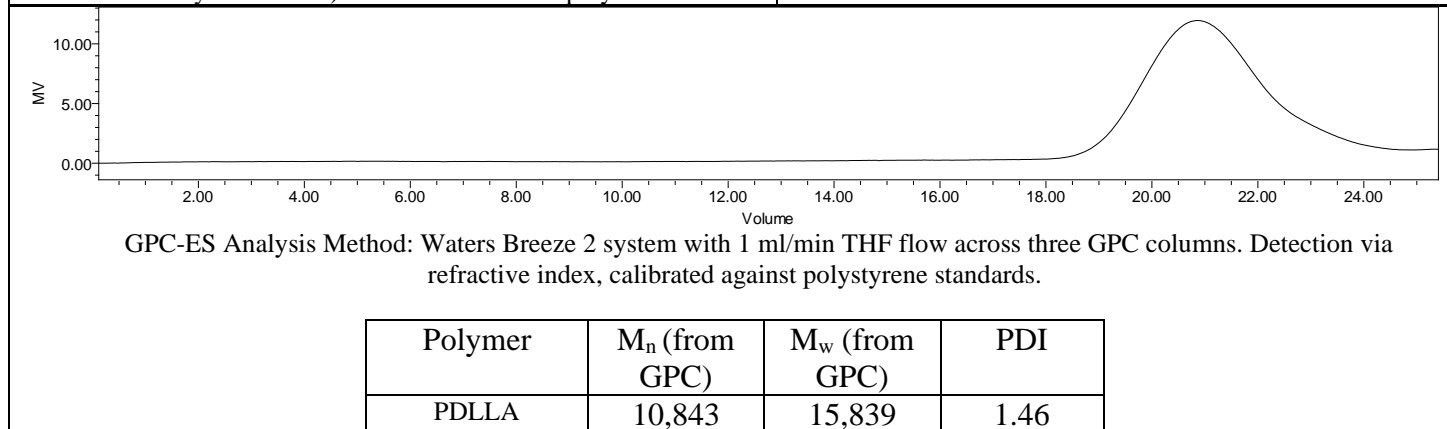
Certificate of Analysis



Product Name: Poly(DL-lactic acid) ester endcapped (Mn: 10,000-15,000 Da)
(Lot#: 240425RAI-A)



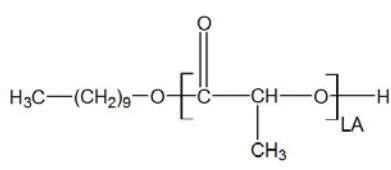
FTIR Analysis: Collected from IS5 ID7-ATR spectrometer (Thermo Scientific) and analyzed in transmission mode.



GPC-ES Analysis Method: Waters Breeze 2 system with 1 ml/min THF flow across three GPC columns. Detection via refractive index, calibrated against polystyrene standards.

Polymer	M _n (from GPC)	M _w (from GPC)	PDI
PDLLA	10,843	15,839	1.46

- Structure of PDLLA copolymers



Approved By:
Amie Tyler
Quality Manager