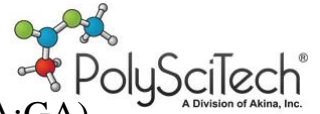


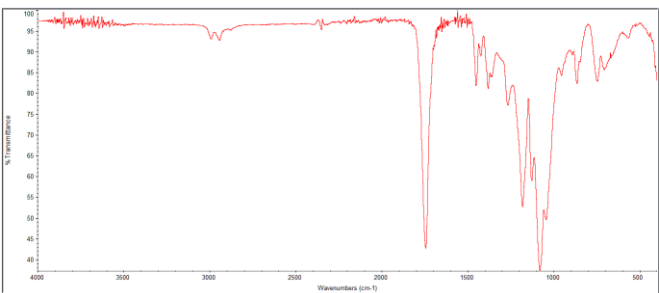
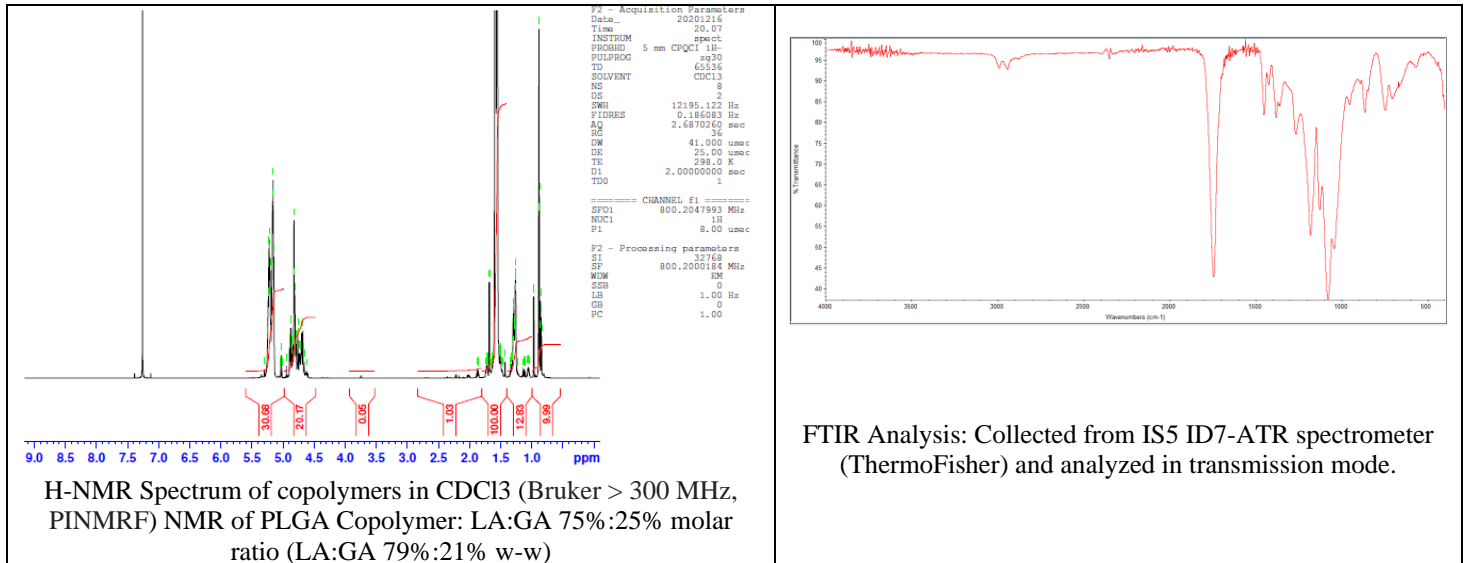
No. AP122

Certificate of Analysis



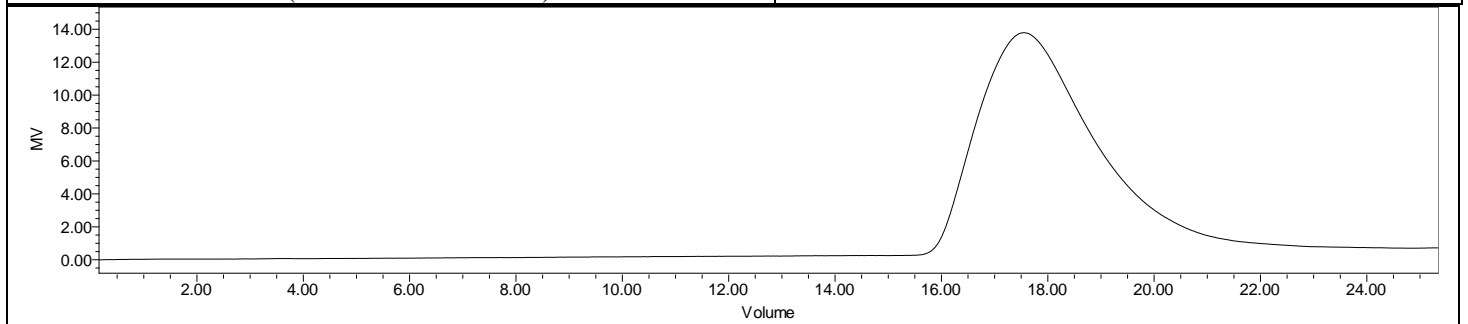
Product Name: Name: Poly(lactide-co-glycolide) acid endcapped (75:25 LA:GA)

(M_n: 75,000-85,000 Da) (Lot#: 201204RAI-B)



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

H-NMR Spectrum of copolymers in CDCl₃ (Bruker > 300 MHz, PINMRF) NMR of PLGA Copolymer: LA:GA 75%:25% molar ratio (LA:GA 79%:21% w-w)



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
PLGA	79,842	130,015	1.62

• Structure of PLGA copolymers

