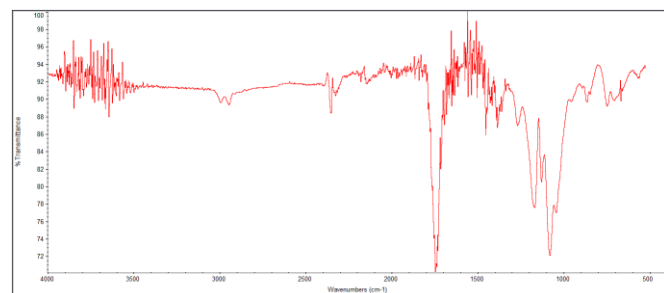
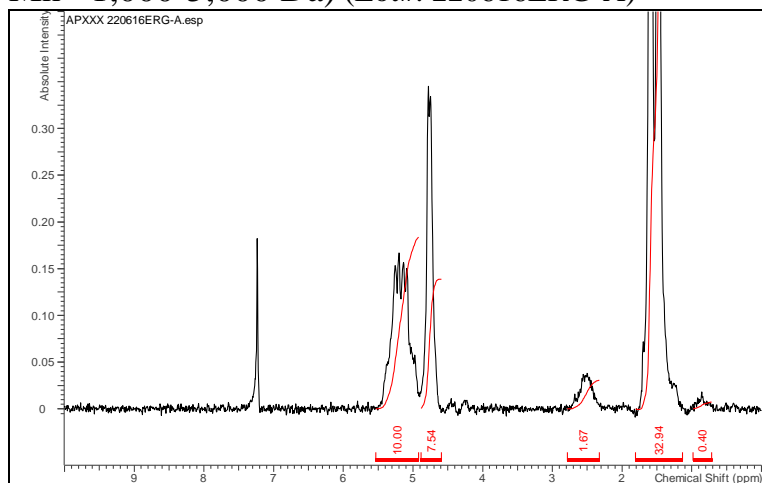


No. AP289

Certificate of Analysis

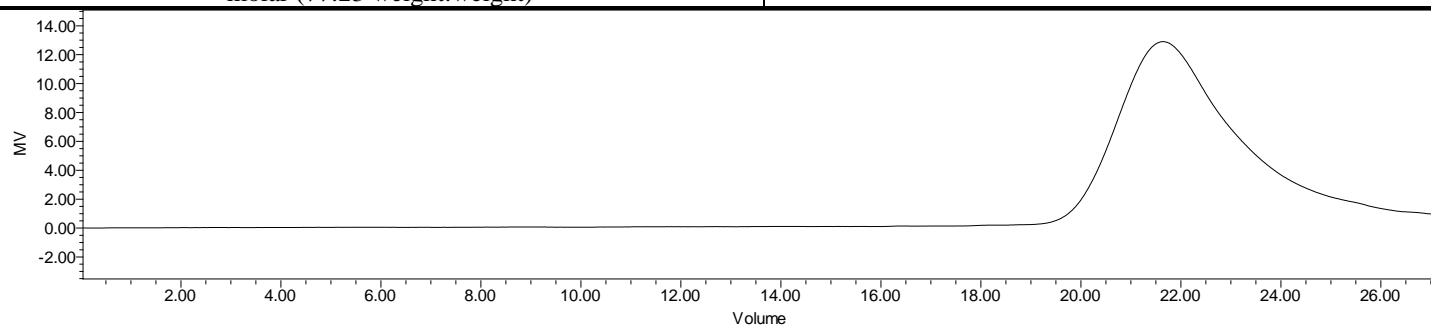


Product Name: Poly(lactide-co-glycolide) acid endcap (70:30 LA:GA, Mn ~1,000-5,000 Da) (Lot#: 220616ERG-A)



FTIR Analysis: Collected from Nicolet Avatar 380 spectrometer with ATR Smart Orbit and analyzed in transmission mode.

H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA Copolymer: LA:GA 73:27 molar (77:23 weight:weight)



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	4019	7774	1.93

- Structure of PLGA copolymers**

