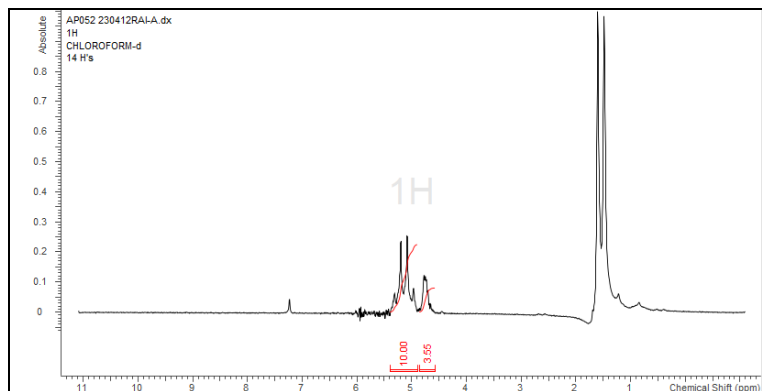


No. AP293

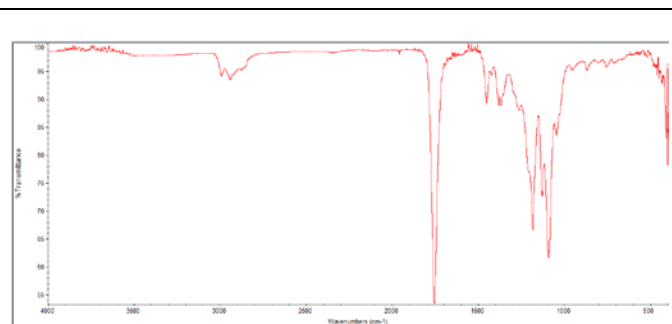
Certificate of Analysis



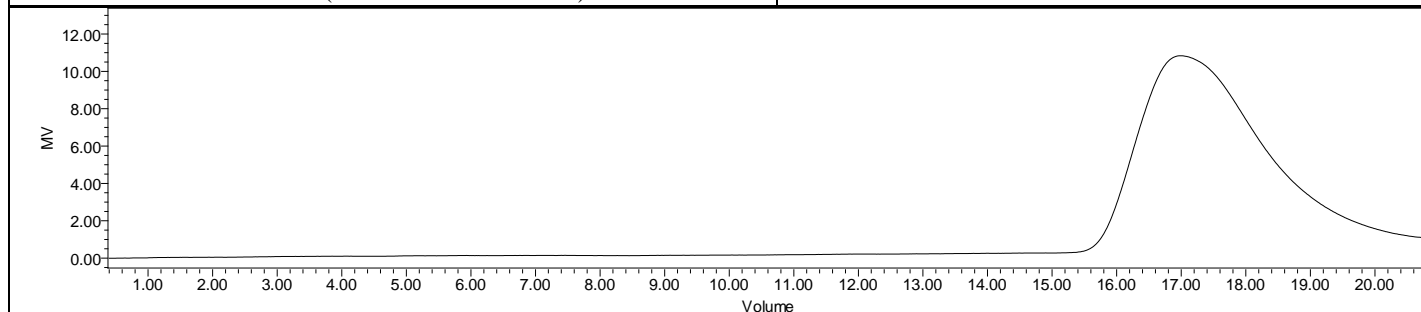
Product Name: Poly(L-lactic-co-glycolic) acid endcap (85:15 LA:GA,
Mn: 100,000-200,000Da) (Lot#: 230412RAI-A)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA Copolymer: LA:GA 85%:15% molar ratio (LA:GA 87%:13% w:w)



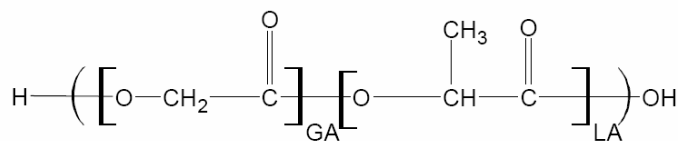
FTIR Analysis: Collected from cast-film on KBR salt-plate placed in IS5 ID7-ATR spectrometer (ThermoFisher) and analyzed in transmission mode.



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
PLGA	160,664	211,103	1.31

• Structure of PLGA copolymers



Approved By:
Amie Tyler
Quality Manager