

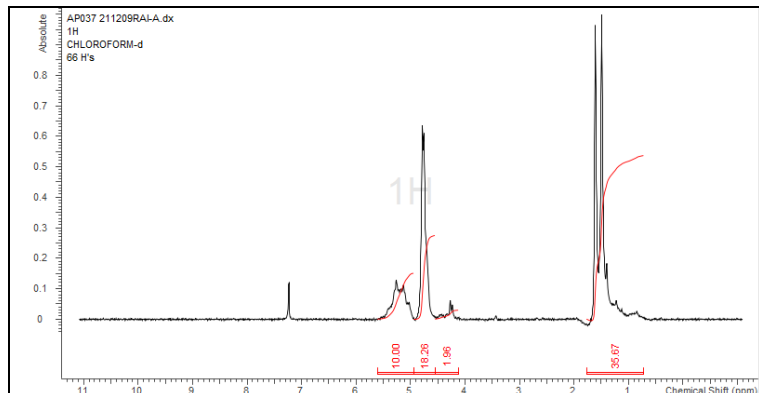
No. AP037

Certificate of Analysis

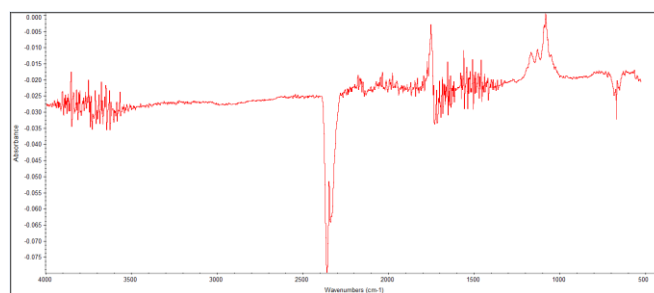


Product Name: Poly(lactic-co-glycolic) acid endcap (50:50 LA:GA,

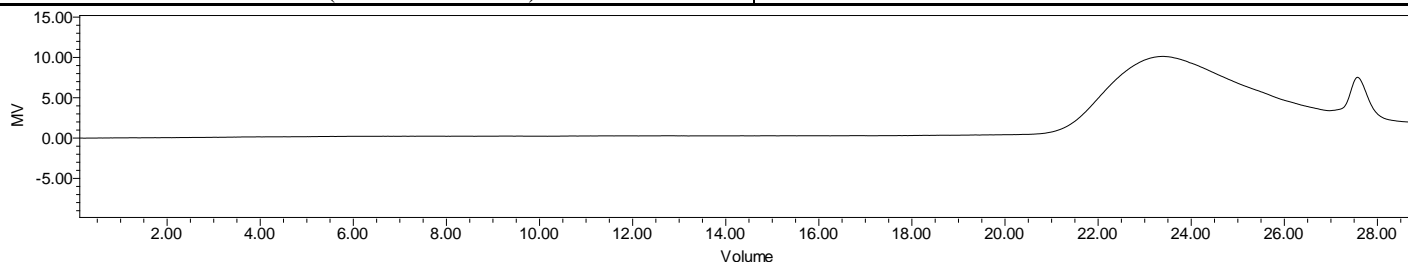
M_n : 1,000-5,000 Da) (Lot#: 211209RAI-A)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA copolymer: LA:GA 52%:48% molar ratio (LA:GA 58%:42%)



FTIR Analysis: Collected from Nicolet Avatar 380 spectrometer with ATR Smart Orbit 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	1766	2668	1.51

• Structure of PLGA copolymers

