

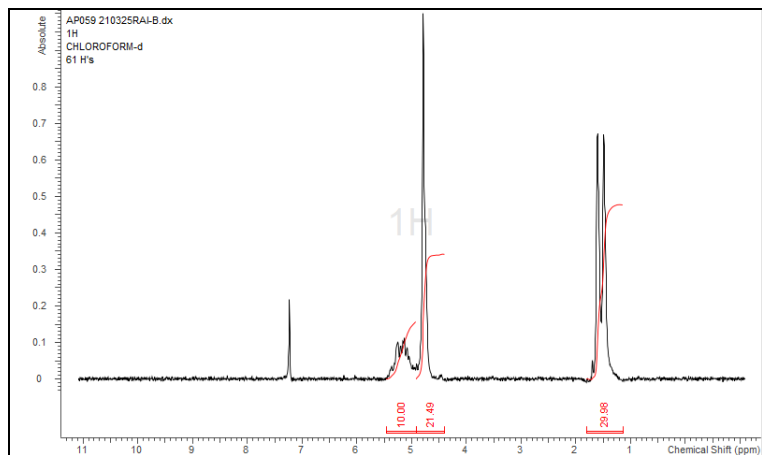
No. AP059

Certificate of Analysis

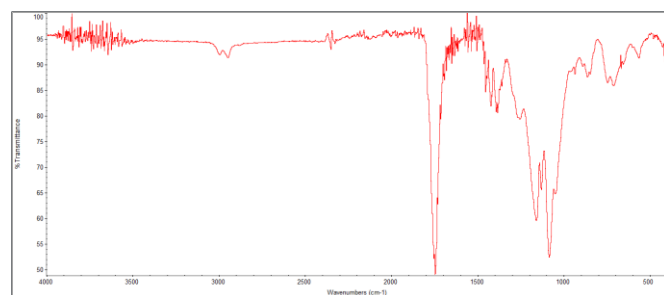


Product Name: Poly(lactide-co-glycolide) acid endcap (50:50 LA:GA,

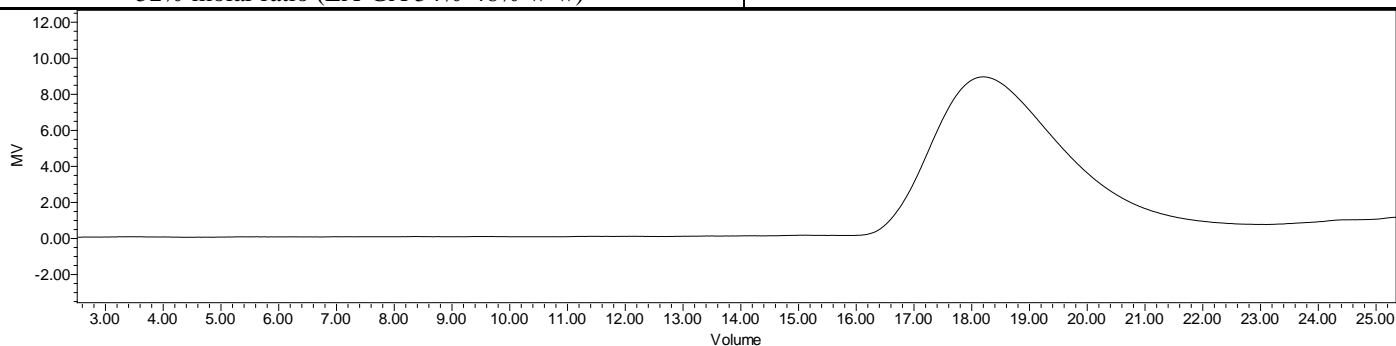
M_n : 45,000-55,000 Da) (Lot#: 210325RAI-B)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA Copolymer: LA-GA = 48%-52% molar ratio (LA-GA 54%-46% w-w)



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	50,759	81,826	1.61

• Structure of PLGA copolymers

