

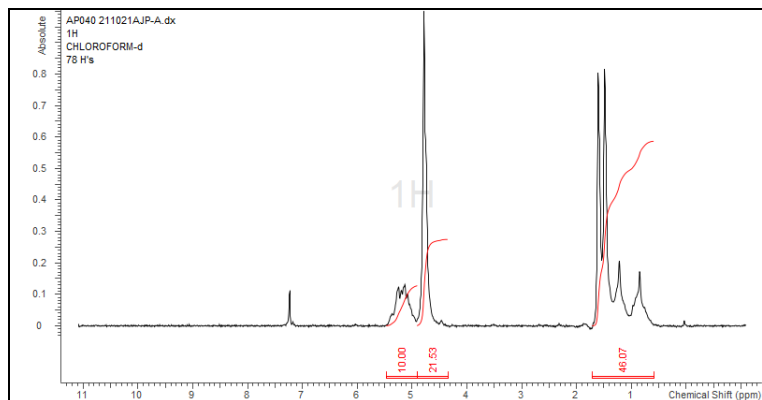
No. AP040

Certificate of Analysis

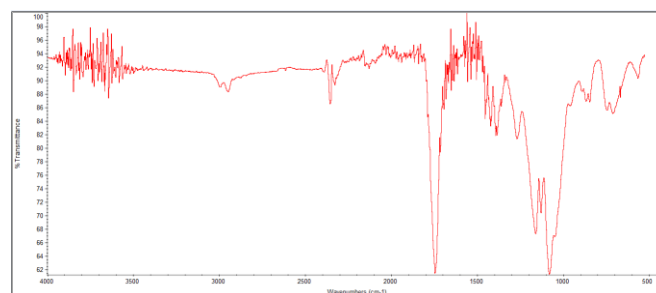


Product Name: Poly(lactide-co-glycolide) acid endcap (50:50 LA:GA)

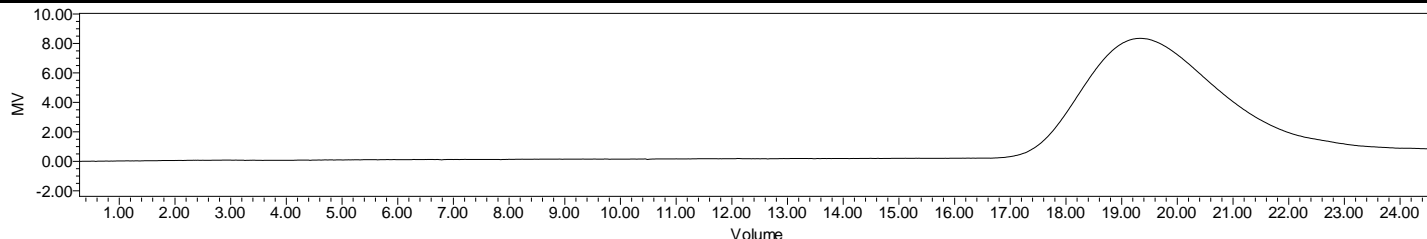
(Mn: 15,000-25,000 Da) (Lot#: 211021AJP-A)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA Copolymer: LA-GA 48%-52% molar ratio (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	23,232	40,830	1.76

- Structure of PLGA copolymers

