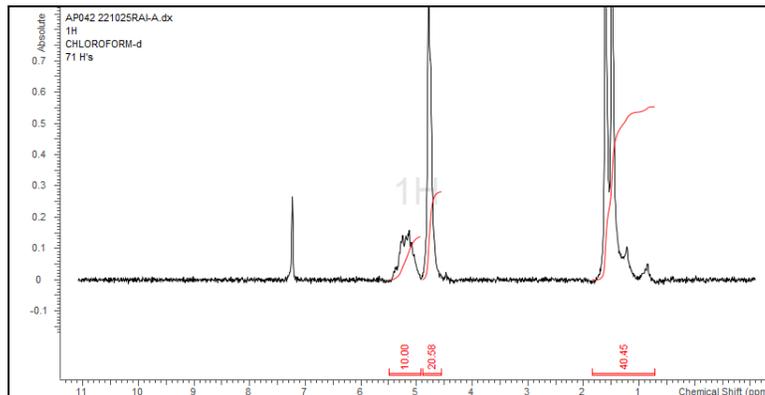


No. AP082

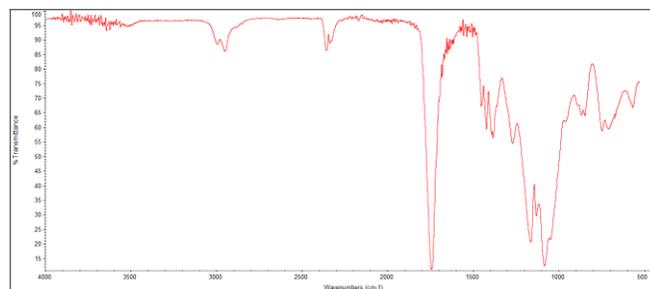
Certificate of Analysis



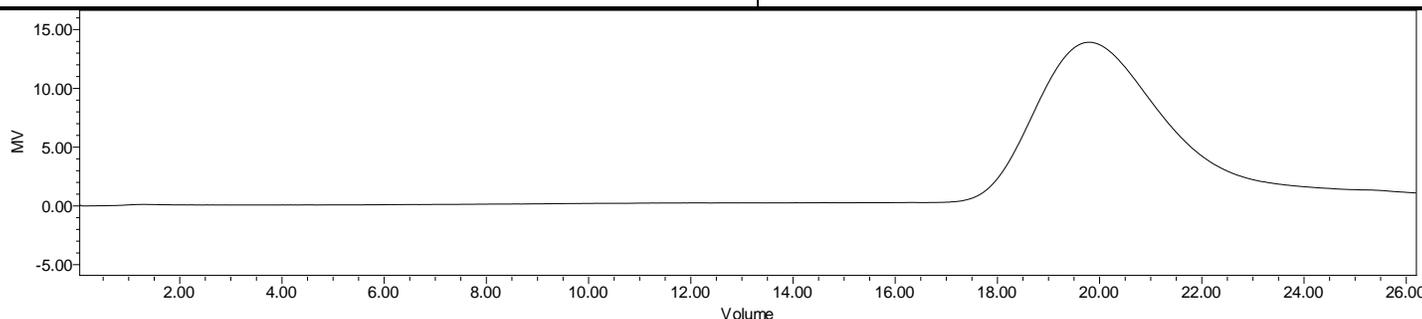
Product Name: Poly(lactide-co-glycolide) L:G 50:50 acid endcap
(M_n 25,000-35,000 Da) (Lot# 221025RAI-A)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA Copolymer: LA:GA 49%:51% molar ratio (LA:GA 55%:45% 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	23,200	31,860	1.37

- **Structure of PLGA copolymers**

