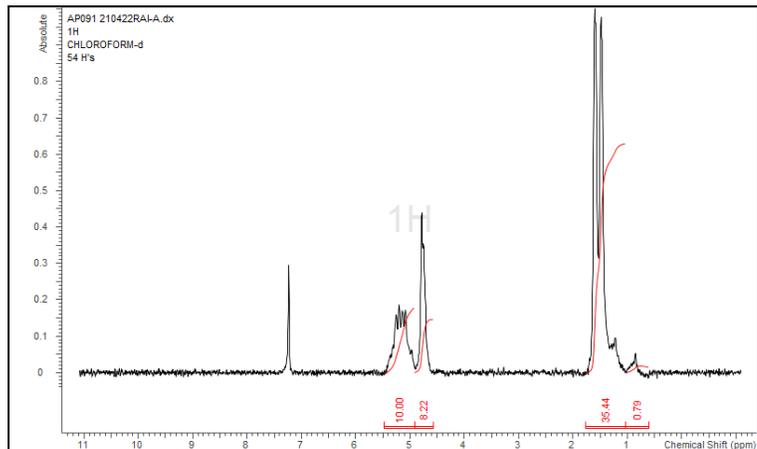


No. AP091

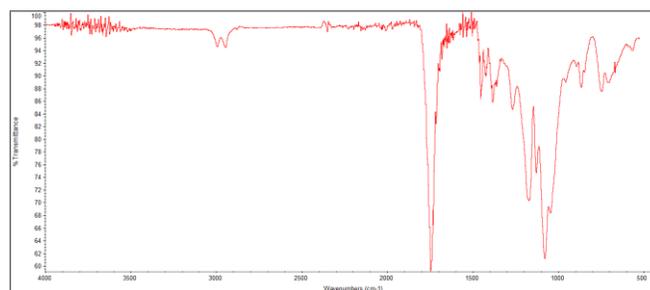
Certificate of Analysis



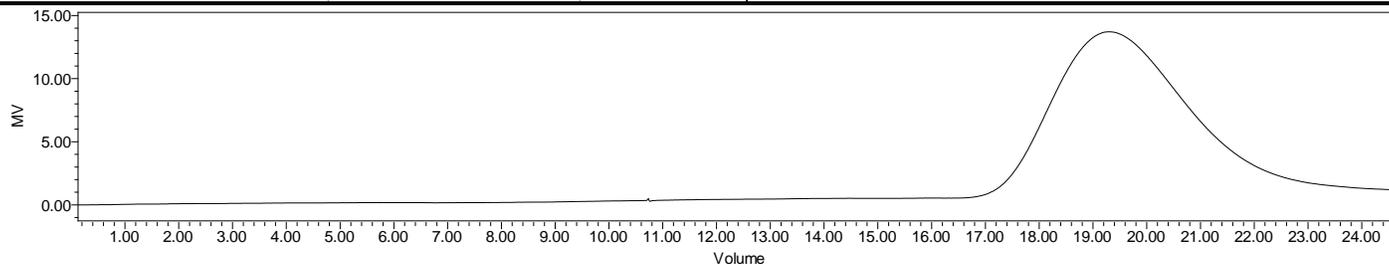
Product Name: Poly(lactide-co-glycolide acid) acid endcapped
(75:25 LA:GA) (M_n : 15,000-25,000Da) (Lot#: 210422RAI-A)



^1H -NMR Spectrum of copolymers in CDCl_3 (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA Copolymer: LA-GA = 71%-29% molar ratio (LA-GA 75%-25% 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	23,702	42,543	1.79

- **Structure of PLGA copolymers**

