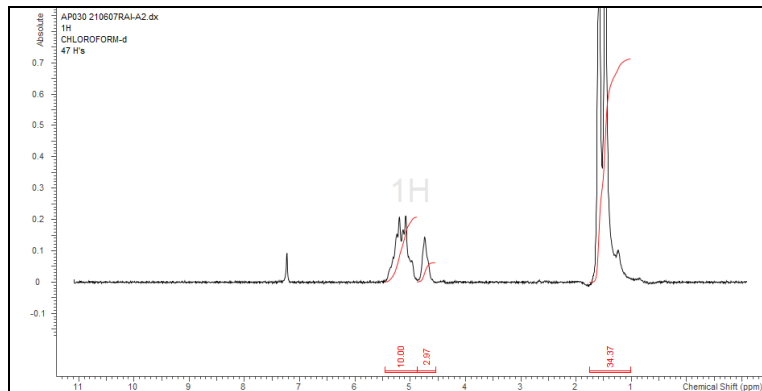


No. AP030

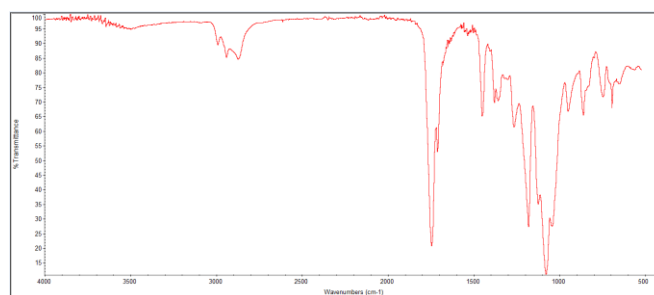
Certificate of Analysis



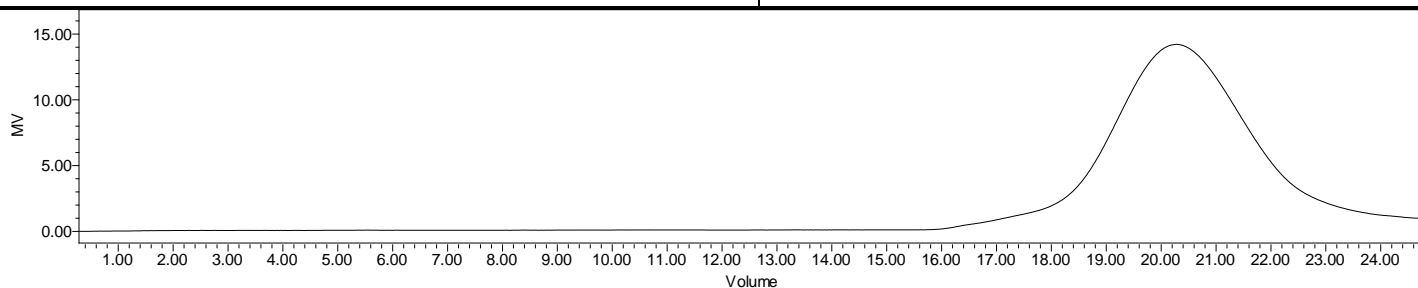
Product Name: Poly(lactic-co-glycolic) copolymers ester end capped
(85:15 LA:GA) (M_n : 10,000 -15,000 Da) (Lot#: 210607RAI-A)



$^1\text{H-NMR}$ Spectrum of copolymers in CDCl_3 (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA Copolymer: LA-GA = 87%-13% molar ratio (LA-GA 89%-11% 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	14,791	26,241	1.77

- Structure of PLGA copolymers

