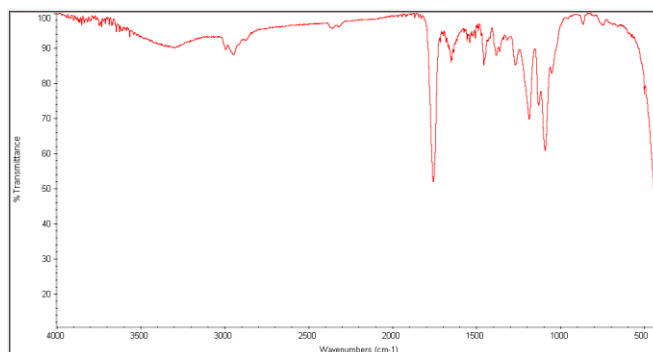
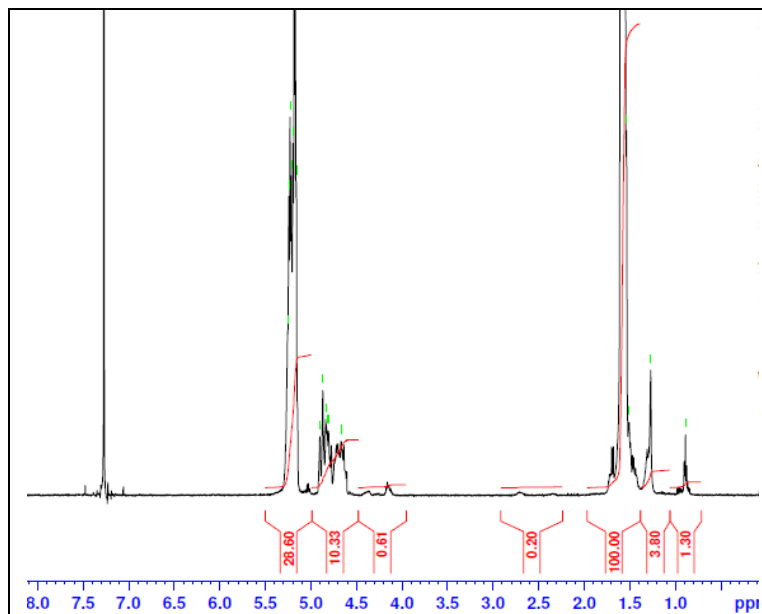


No. AP030

Certificate of Analysis

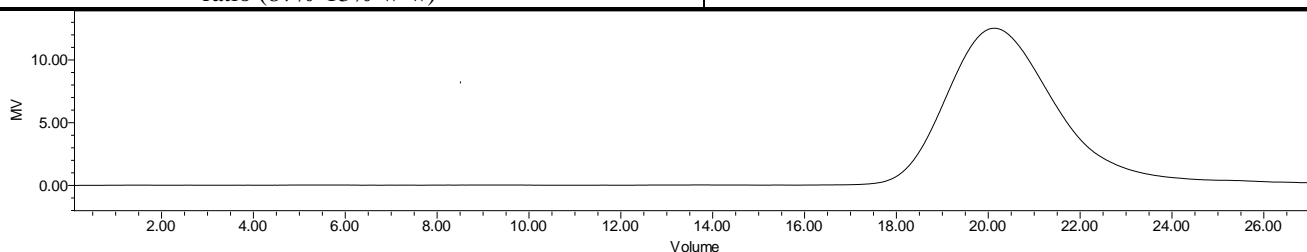


Product Name: Poly(lactide-co-glycolide) copolymers ester end capped
(85:15 LA:GA) (M_n : 10,000 -15,000 Da) (Lot#: 180823RAI-B)



FTIR Analysis: Collected from cast-film on KBr salt-plate placed in Nicolet Avatar 320 spectrometer and analyzed in transmission mode.

H-NMR Spectrum of copolymers in $CDCl_3$ (Varian Inova 500 MHz instrument) NMR of PLGA copolymer: LA-GA = 85%-15% molar ratio (87%-13% w-w)



GPC 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	14,981	23,984	1.60

• Structure of PLGA copolymers

