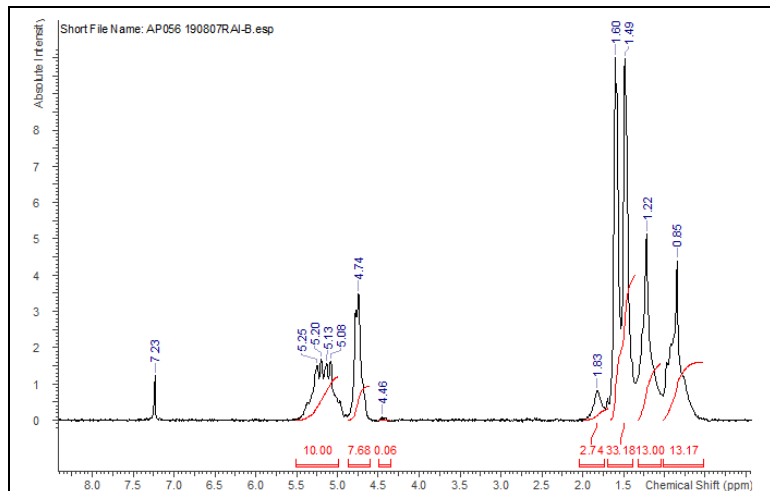


No. AP056

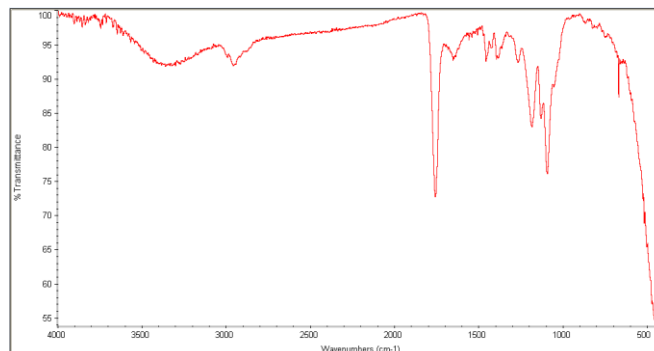
Certificate of Analysis



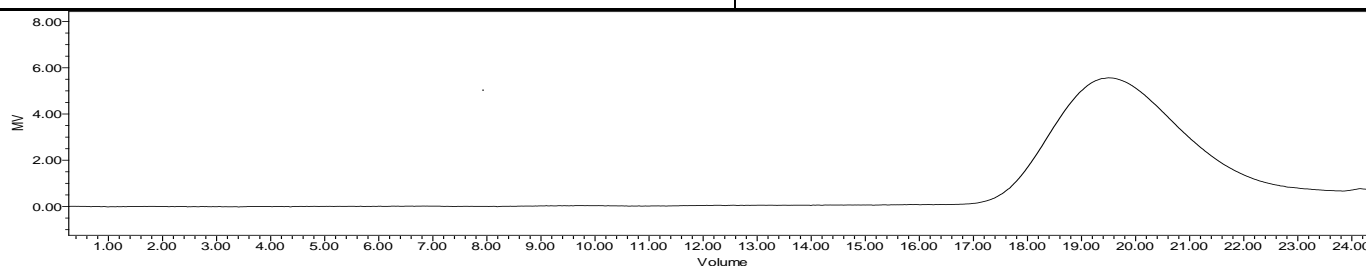
Product Name: Poly(lactide-co-glycolide) acid endcap (70:30 LA:GA,
Mn ~15,000-25,000 Da) (Lot#: 190807RAI-B)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA copolymer: LA-GA = 72%-28% molar ratio (LA-GA 76%-24% w-w)



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



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	23,184	37,001	1.60

• Structure of PLGA

