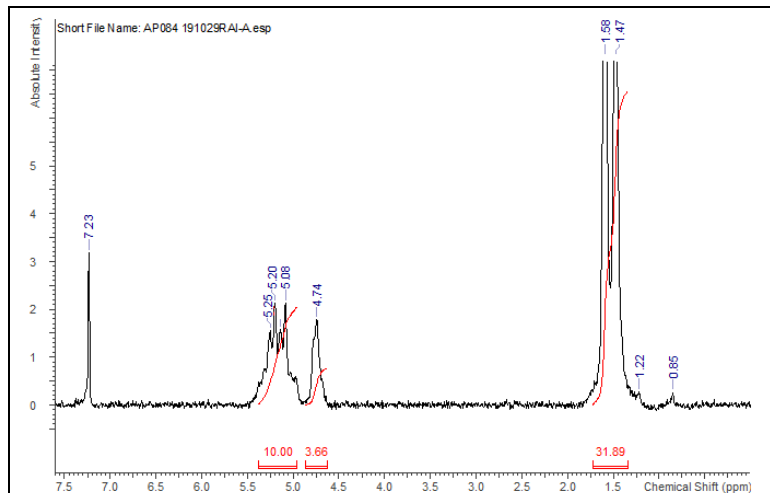


# No. AP259

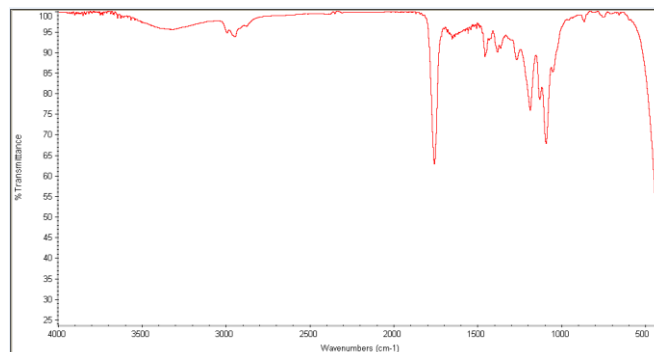
# Certificate of Analysis



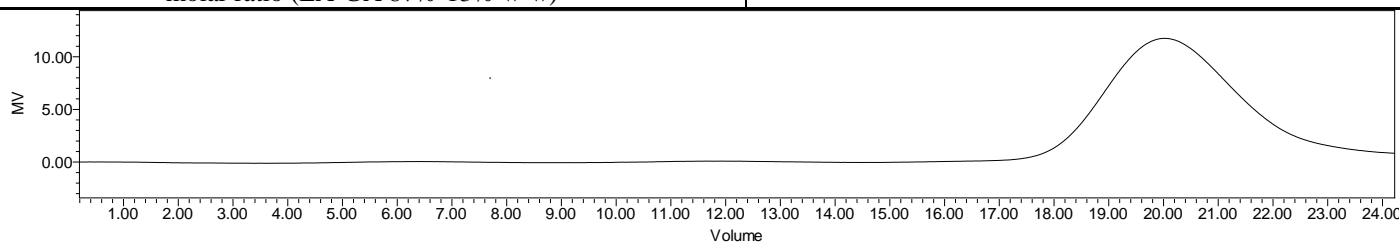
Product Name: Poly(lactide-co-glycolide) acid endcap (85:15 LA:GA)  
(Mn: 15,000-25,000 Da) (Lot#: 191029RAI-A)



H-NMR Spectrum of copolymers in CDCl<sub>3</sub> (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA copolymer: LA-GA = 85%-15% molar ratio (LA-GA 87%-13% 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 <sub>n</sub> (from GPC)	M <sub>w</sub> (from GPC)	PDI
PLGA	15,417	27,410	1.78

## • Structure of PLGA copolymers

