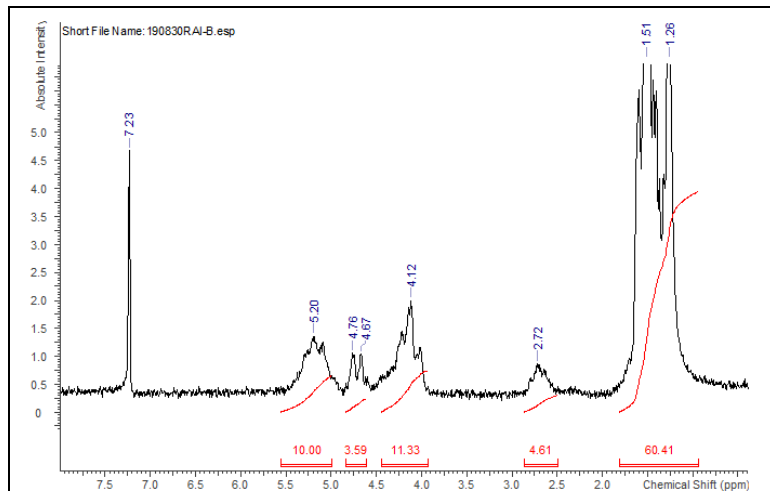


No. AP256

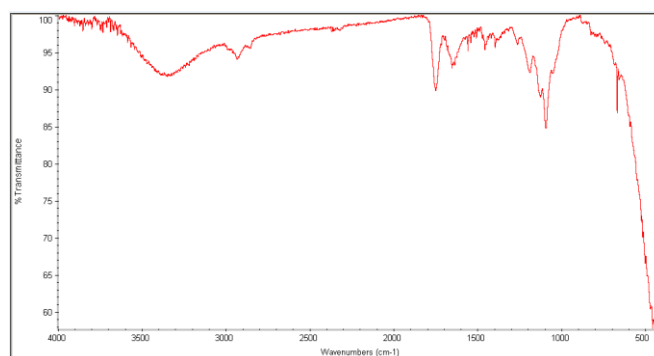
Certificate of Analysis



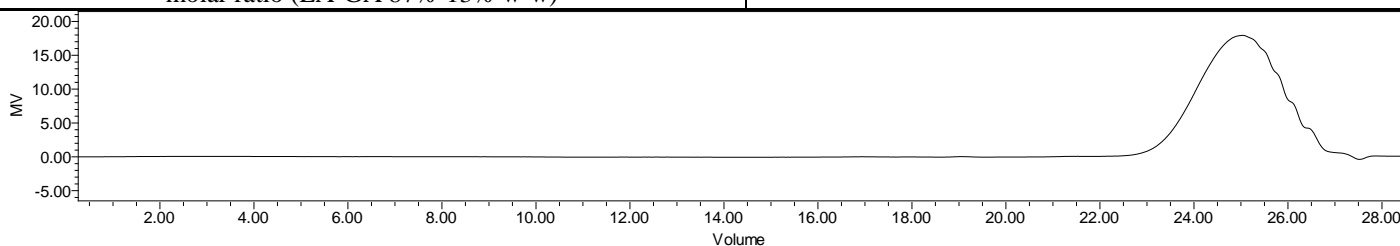
Product Name: Poly(lactide-co-glycolide) dialcohol endcap (1,10 decadiol initiated) ($M_n \sim 500-1500$ Da, 85:15 LA:GA) (Lot# 190830RAI-B)



H-NMR Spectrum of copolymers in $CDCl_3$ (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_n (from GPC)	M_w (from GPC)	PDI
PLGA-dialcohol	928	1062	1.14

• Structure of PLGA-Dialcohol

