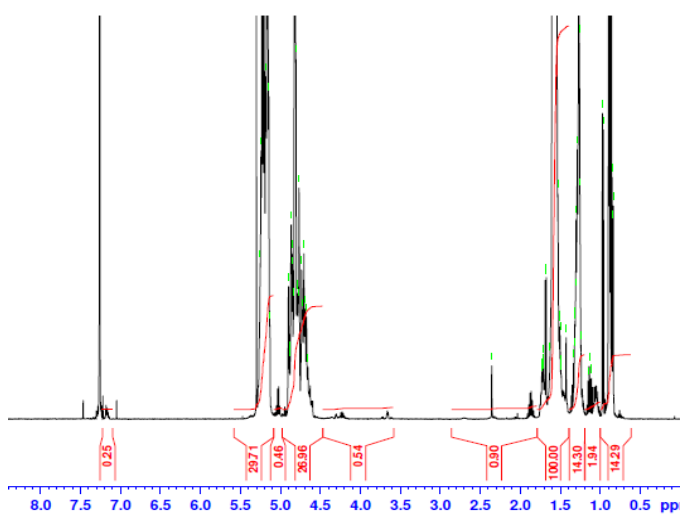


No. AP226

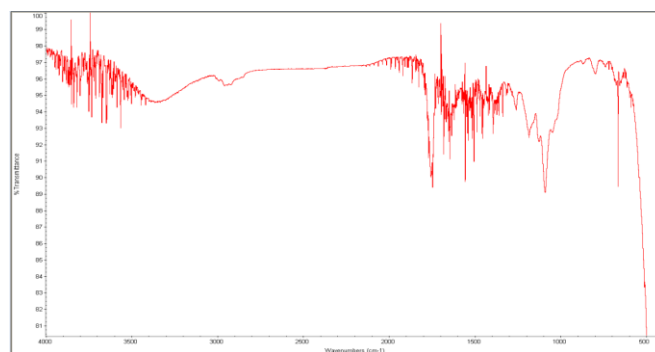
Certificate of Analysis



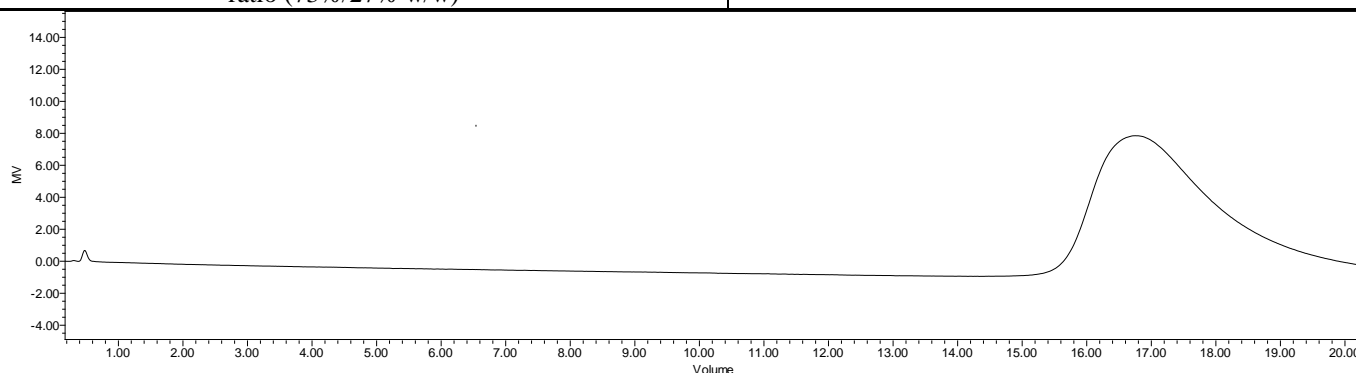
Product Name: Poly(lactide-co-glycolide) acid endcap (70:30 LA:GA,
M_n: 45,000-55,000 Da) (Lot#: 171017STR-A)



H-NMR Spectrum of copolymers in CDCl₃ (Varian Inova 500 MHz instrument) NMR of PLGA copolymers; LA/GA =69%/31% molar ratio (73%/27% w/w)



FTIR Analysis: Collected from cast-film on KBr salt-plate placed in Protégé 460 spectrometer and analyzed in transmission E.S.P. 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 | 48,663 | 66,261 | 1.36 |

- Structure of PLGA copolymers

