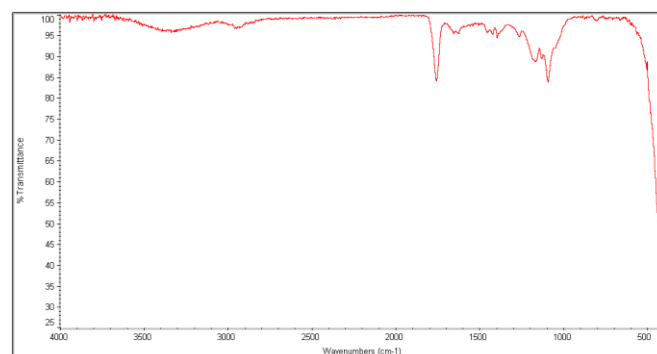
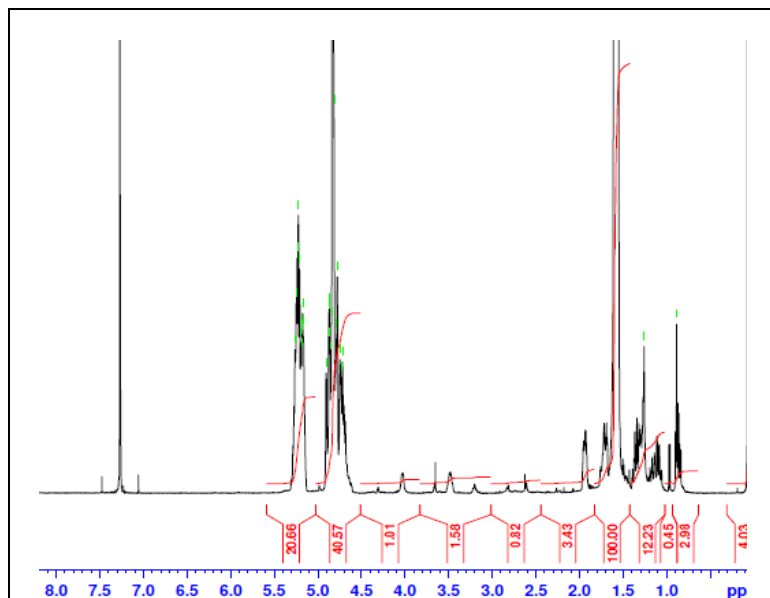


No. AV036

Certificate of Analysis

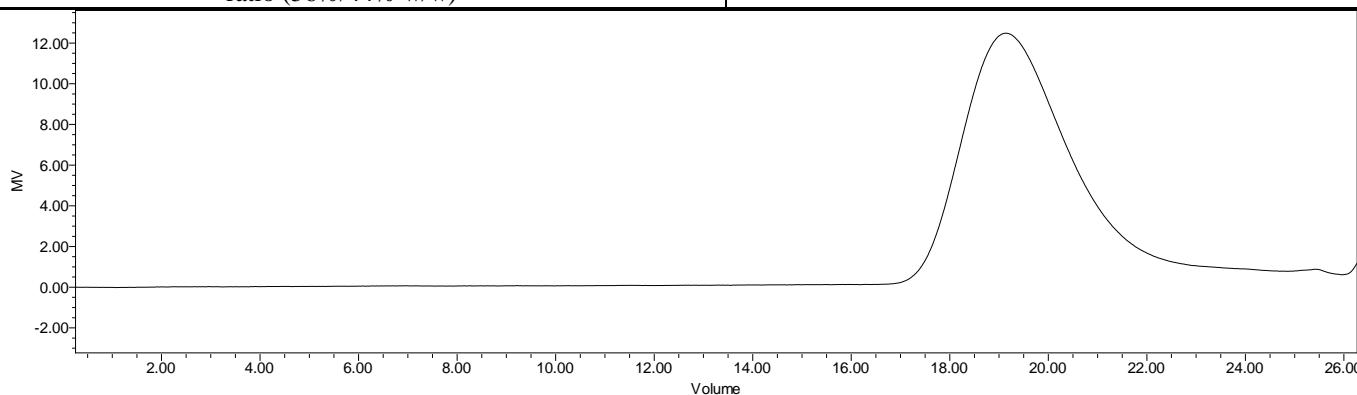


Product Name: Poly(Lactide-co-glycolide)-diatrizoic acid endcap
(Mn: 20,000 – 40,000Da, 50:50 LA:GA) (Lot# 180702NAE-A)



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 CDCl₃ (Varian Inova 500 MHz instrument) NMR of PLGA copolymer: LA-GA =50%/50% molar ratio (56%/44% 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-Iodine | 29,702 | 43,193 | 1.45 |

Structure of PLGA-Iodine

