

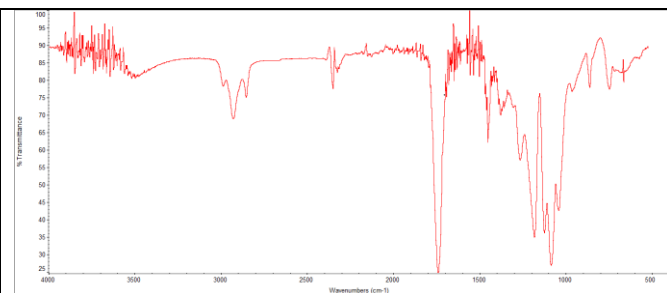
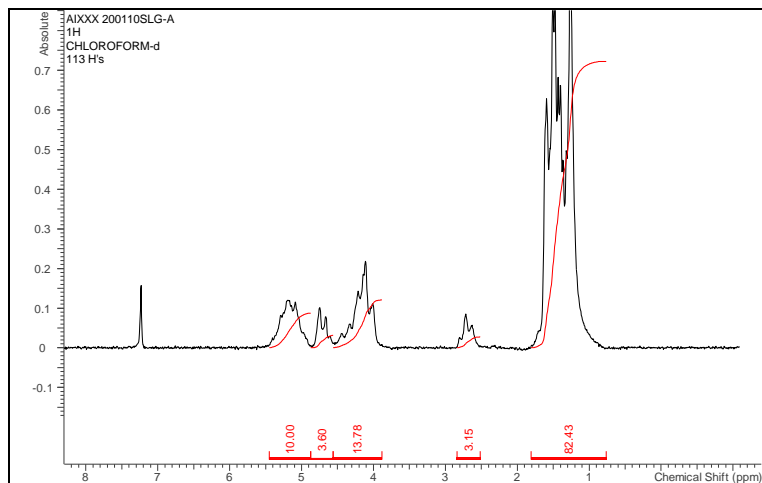
No. AP256

Certificate of Analysis



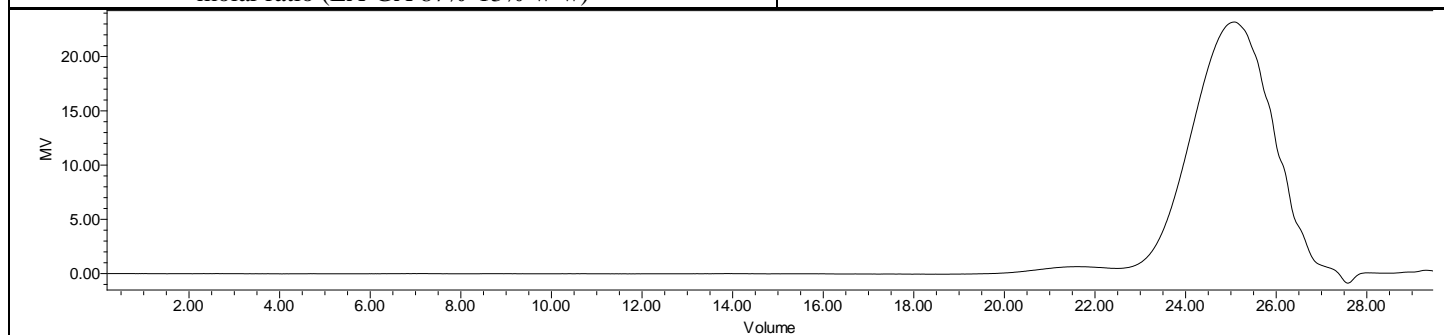
Product Name: Poly(Lactide-co-glycolide)-diol (Mn 500-1000 Da)

(Lot #200110SLG-A)



FTIR Analysis: Collected from Nicolet Avatar 380 spectrometer with ATR Smart Orbit and analyzed in transmission mode.

H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA copolymer: LA-GA = 85%-15% molar ratio (LA-GA 87%-13% 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 | 953 | 1097 | 1.15 |

• Structure of PLGA-Diol

