

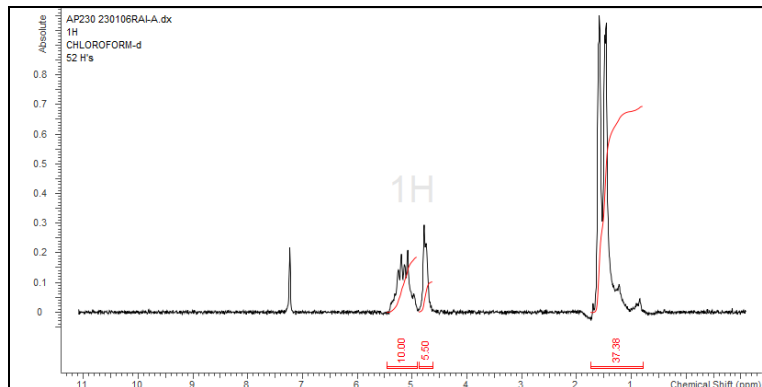
# No. AP122

# Certificate of Analysis

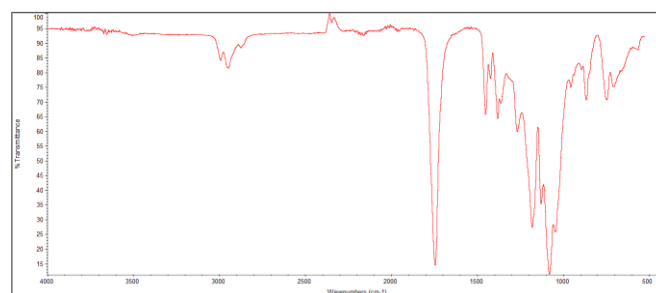


Product Name: Poly(lactide-co-glycolide) acid endcapped (75:25 LA:GA)

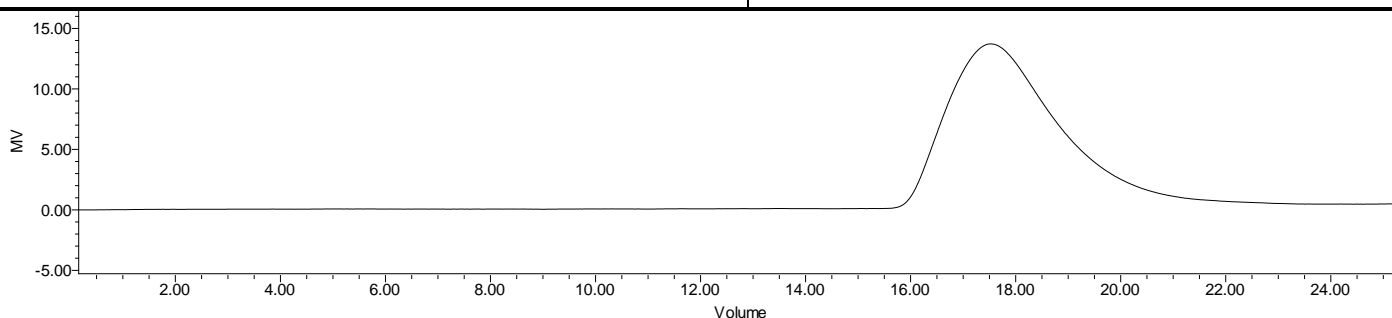
( $M_n$ : 75,000-85,000 Da) (Lot#: 230106RAI-A)



H-NMR Spectrum of copolymers in CDCl<sub>3</sub> (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA Copolymer: LA:GA 78%:22% molar ratio (LA:GA 82%:18% w-w)



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



GPC-ES 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	78,440	129,773	1.65

- **Structure of PLGA copolymers**

