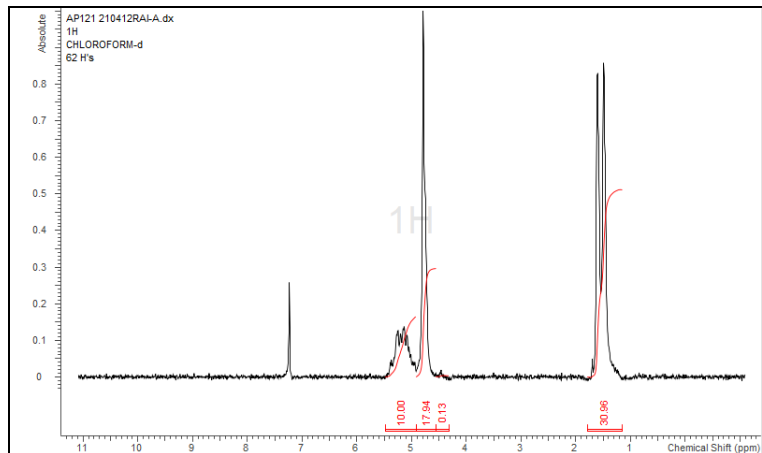


No. AP277

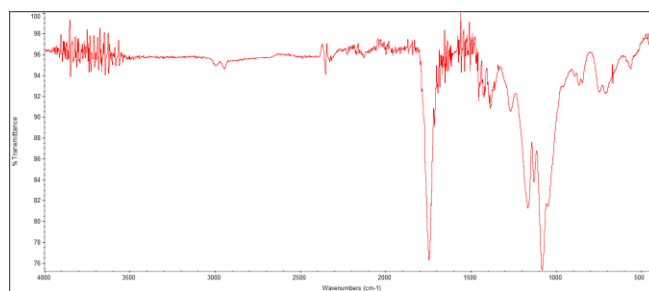
Certificate of Analysis



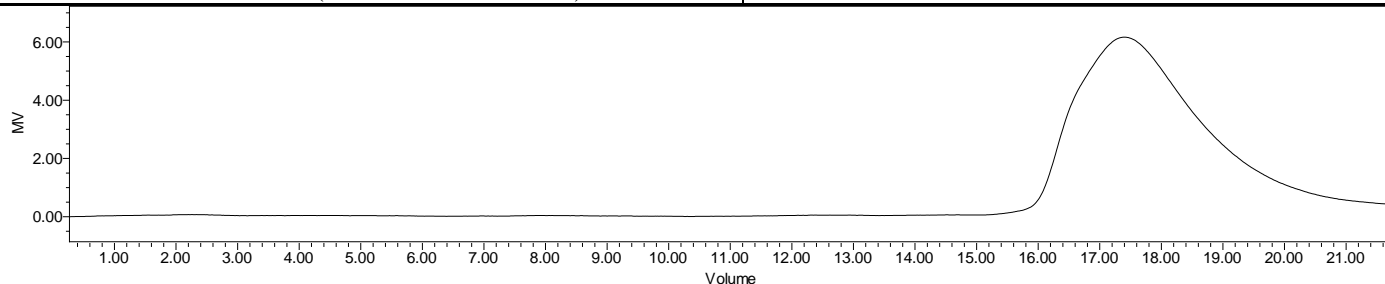
Product Name: Poly(lactide-co-glycolide) (LA:GA 50:50, 85,000-100,000Da)
ester endcap Lot #210412RAI-A



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA Copolymer: LA-GA = 53%-47% molar ratio (LA-GA 58%-42% 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	87,218	143,450	1.64

- **Structure of PLGA copolymers**

