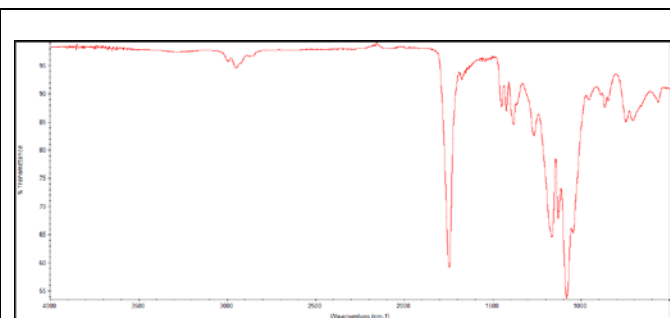
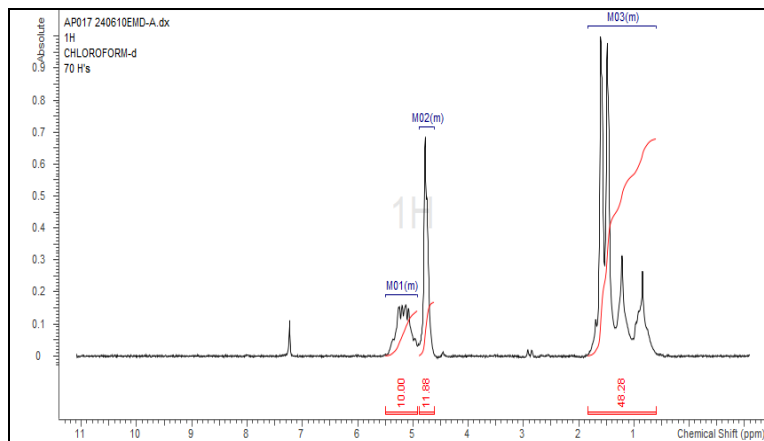


No. AP317

Certificate of Analysis

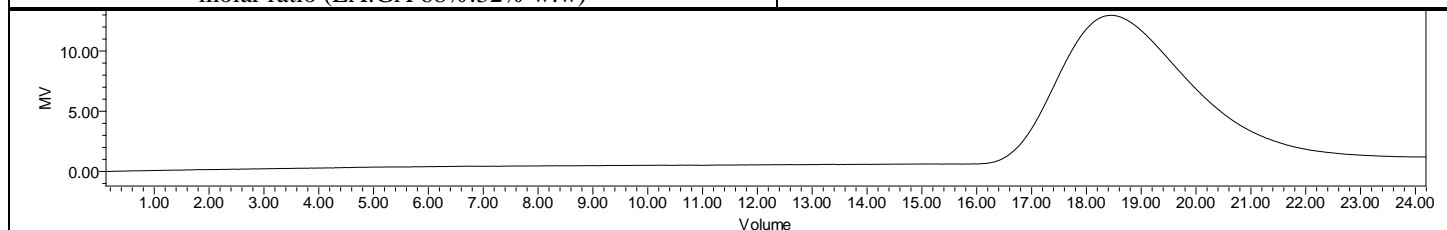


Product Name: Poly(lactide-co-glycolide) acid endcap (60:40 LA:GA)
(Mn: 55,000-65,000 Da) (Lot#: 240610EMD-A)



FTIR Analysis: Collected from IS5 ID7-ATR spectrometer (Thermo Scientific) and analyzed in transmission mode.

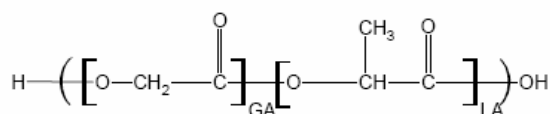
H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA Copolymer: LA:GA 63%:37% molar ratio (LA:GA 68%:32% w:w)



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	58,250	77,628	1.33

• Structure of PLGA copolymers



Approved By:
Amie Tyler
Quality Manager