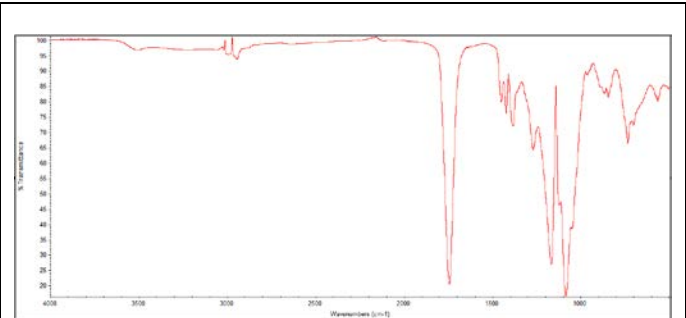
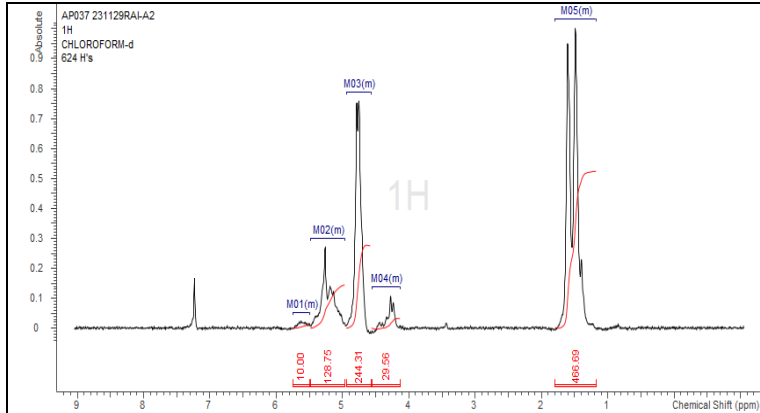


No. AP037

Certificate of Analysis

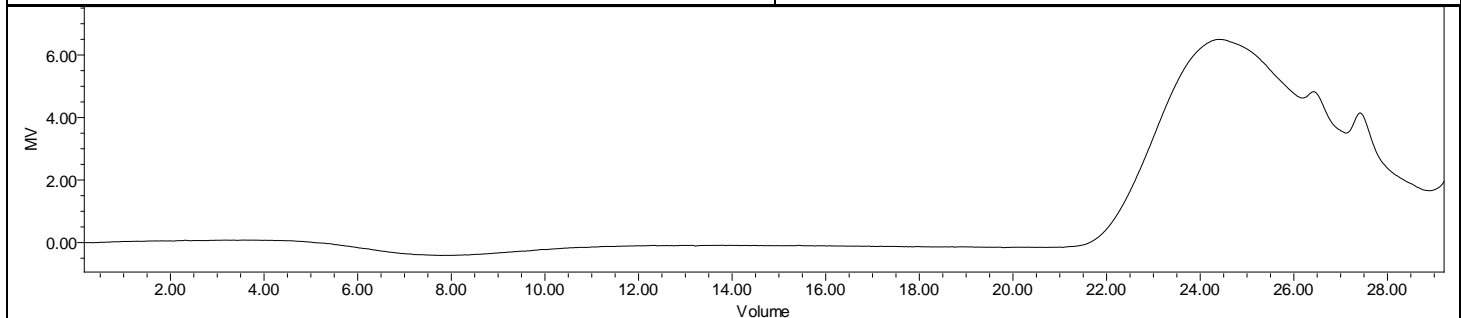


Product Name: Poly(lactide-co-glycolide) 50:50 LA:GA (Mn: 1,000-5,000Da)
(Lot#: 231129RAI-A)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA Copolymer: LA:GA 51%:49% molar ratio (LA:GA 57%:43% w:w)

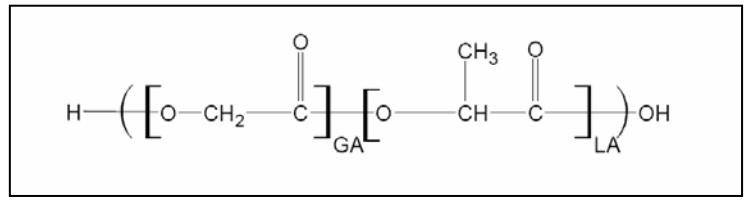
FTIR Analysis: Collected from IS5 ID7-ATR spectrometer (ThermoFisher) and analyzed in transmission mode.



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	1104	1535	1.39

• **Structure of PLGA copolymers**



Approved By:
Amie Tyler
Quality Manager