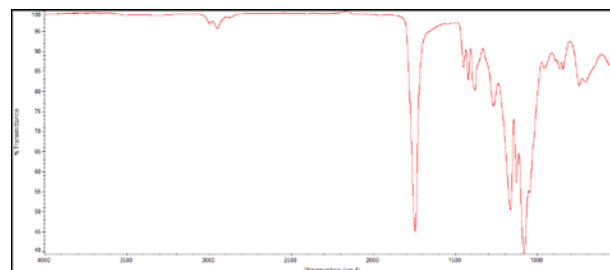
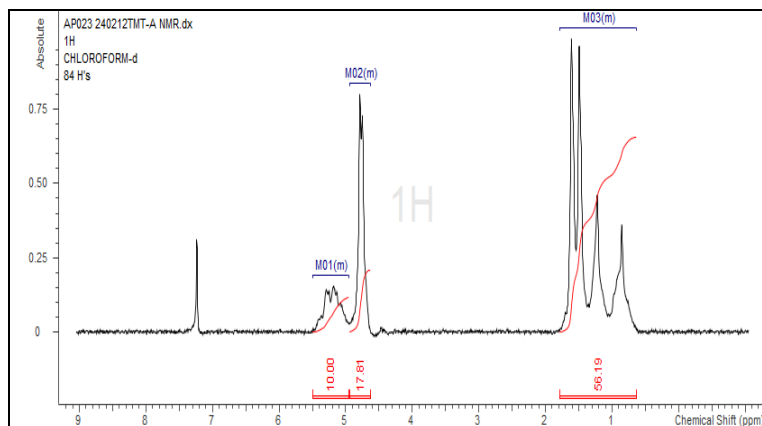


No. AP023

Certificate of Analysis

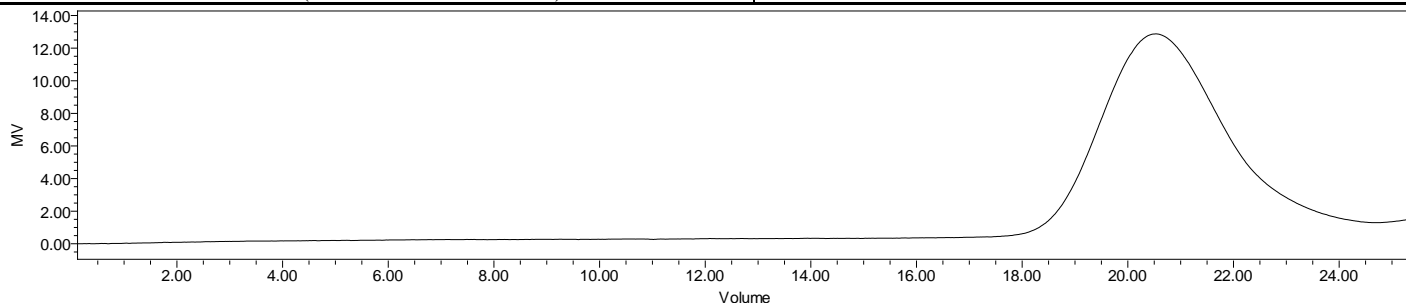


Product Name: Poly (lactic-co-glycolic acid) 50:50 LA:GA (Mn: 10,000-15,000Da)
(Lot#: 240212TMT-A)



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

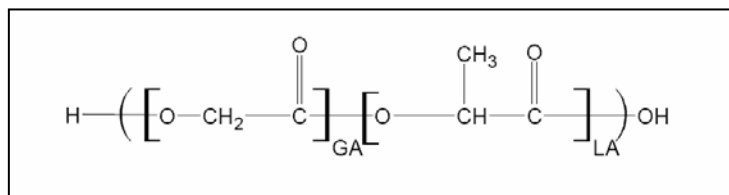
H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA Copolymer: LA:GA 53%:47% molar ratio (LA:GA 58%:42% w:w)



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	10,989	19,003	1.73

• Structure of PLGA copolymers



Approved By:
Amie Tyler
Quality Manager