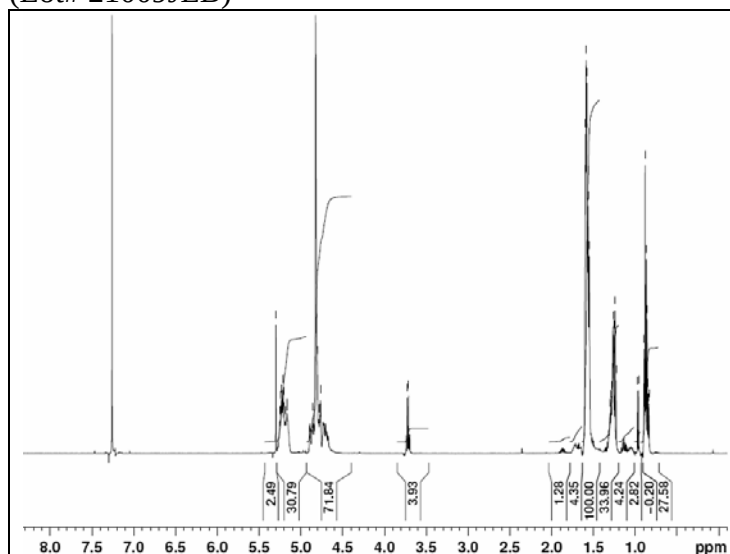
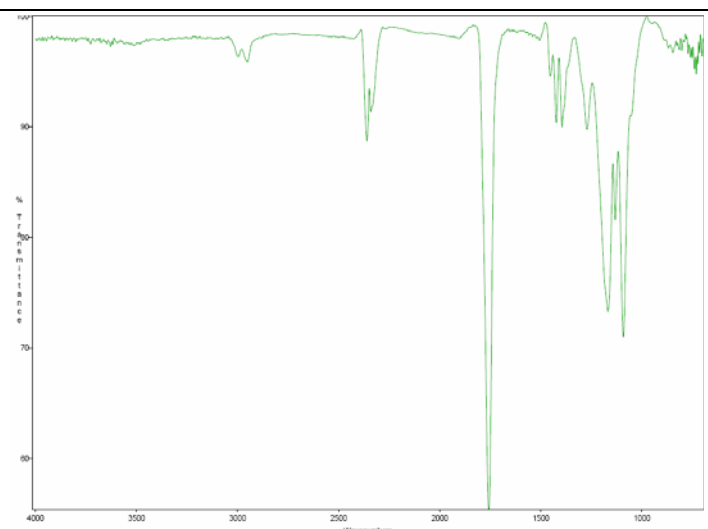


No. AP45 Certificate of Analysis

Product Name: Poly (lactic-co-glycolic acid) 50:50 La:Ga (~60,000Da, acid endcap)
(Lot# 21009JLB)

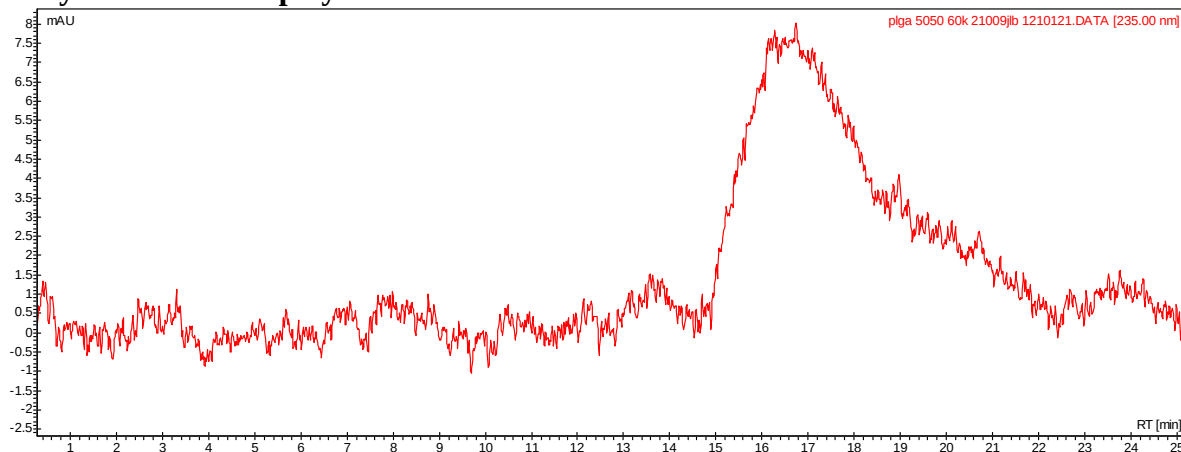


^1H -NMR Spectrum of PLGA copolymer in CDCl_3 (Varian Inova 300 MHz instrument), NMR of PLGA copolymers:
GA/LA = 43%/57%



FTIR Analysis: Collected from cast-film on KBR salt-plate placed in Satellite FTIR (Thermo-Mattson) and analyzed in transmission mode.

• GPC analysis of PLGA copolymers



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two PLgel mixed-D columns and one Mixed-E column (Agilent). Detection via UV/Vis, calibrated against polystyrene standards

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA	40191	108765	2.71

• Structure of PLGA copolymers

