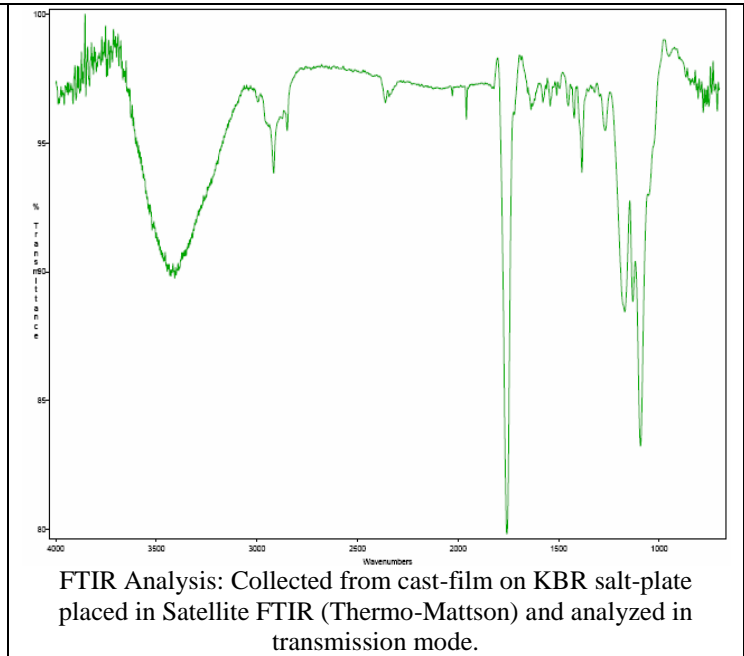
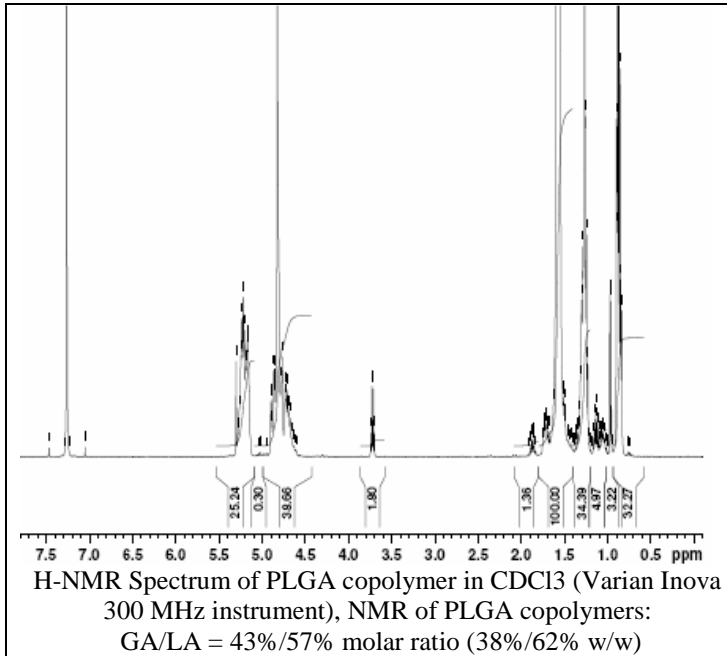


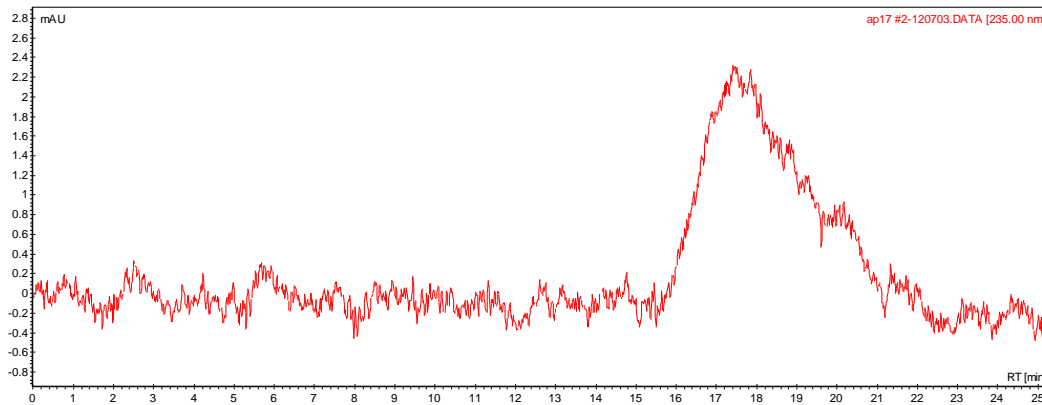
No. AP17 B#1

Certificate of Analysis

Product Name: Poly(lactic-co-glycolic) acid copolymers PLGA-60-90K REV:A



- 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-60-90-K (PLGA-60-12)	42,805	67,413	1.57

- Structure of PLGA copolymers**

