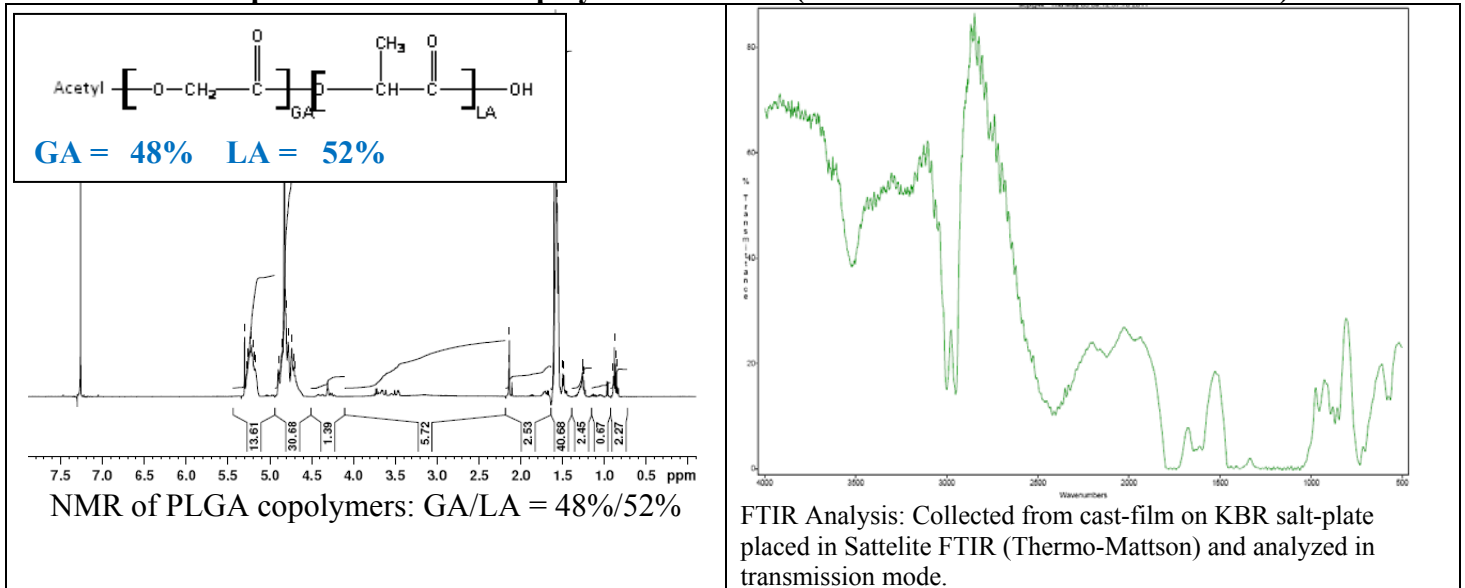


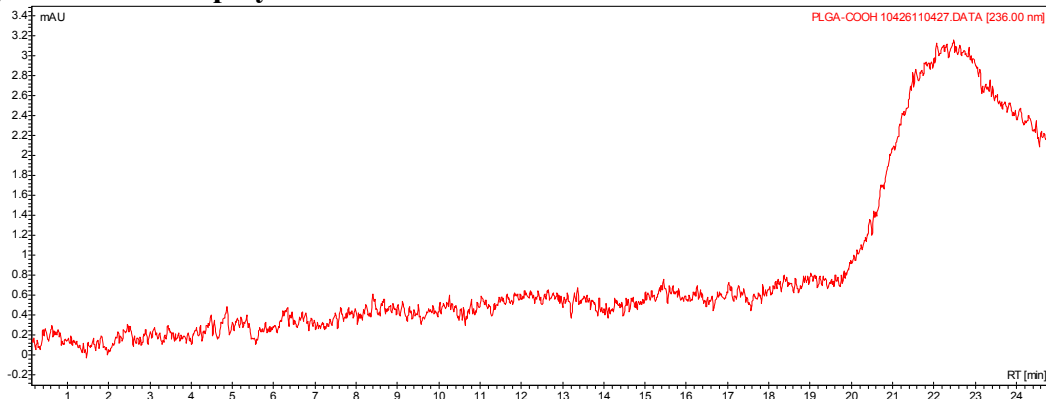
# No. Acetyl-PLGA-50-4K Certificate of Analysis

Product Name: Acetyl-Poly(lactic-co-glycolic)-carboxylic acid copolymers

- <sup>1</sup>H-NMR Spectrum of PLGA copolymer in CDCl<sub>3</sub> (Varian Inova 300 MHz instrument)



- GPC analysis of PLGA copolymers



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Resipore 3 um columns and one Mixed E column (Varian) and with UV-Vis (PDA) detection. Calibrated against polystyrene standards

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
Acetyl-PLGA-COOH	3272	5197	1.59