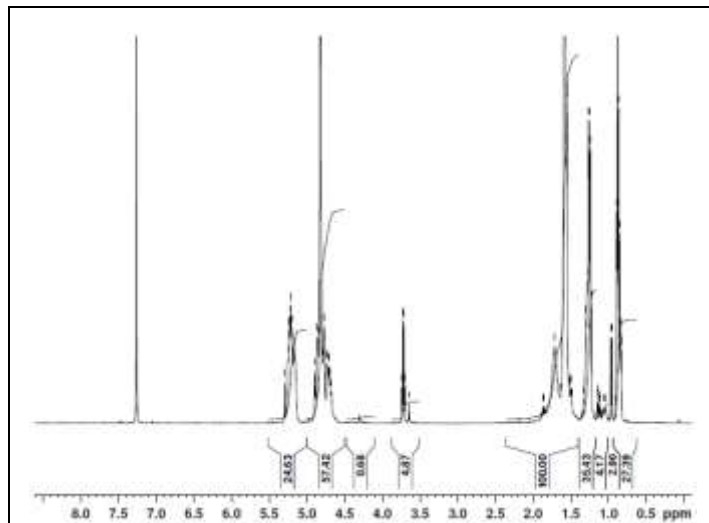


No. AP29

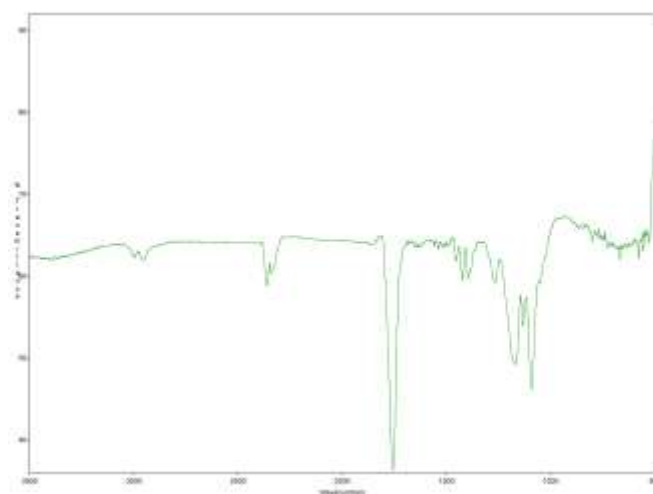
Certificate of Analysis



Product Name: Poly((D,L)Lactic-glycolic) Acid - Glucose MW ~40-60kDa (30821-D JSG)
REV:A

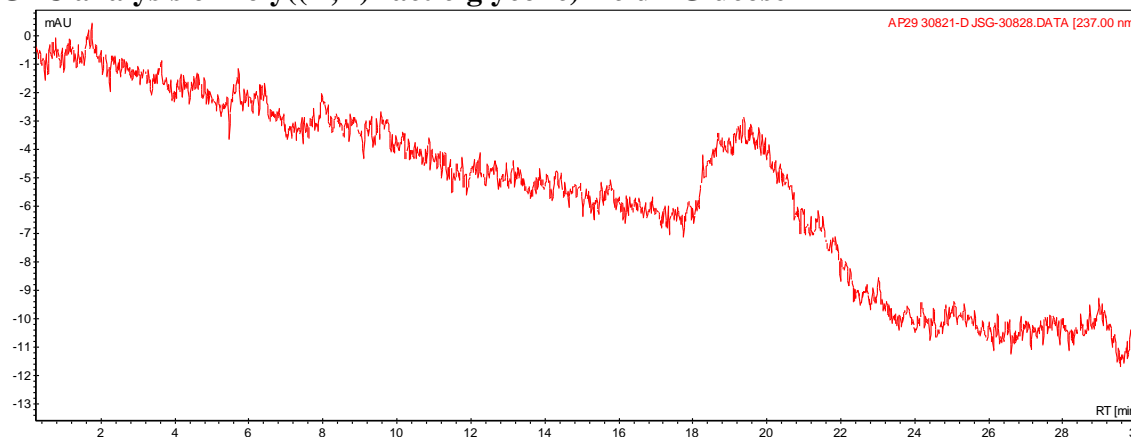


H-NMR Spectrum of PLGA-Glucose copolymers in CDCl₃ (Varian Inova 300 MHz instrument), NMR of PLGA-Glucose: GA/LA = 53%/47% molar ratio (48%/52% w/w)



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

• GPC analysis of Poly((D,L)Lactic-glycolic) Acid - Glucose



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Phenogel 5 μ column and Resipore column (Agilent).
Detection via UV/Vis, calibrated against polystyrene standards.

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA-Glucose	34605	50082	1.45

• Structure of Poly((D,L)Lactic-glycolic) Acid – Glucose

