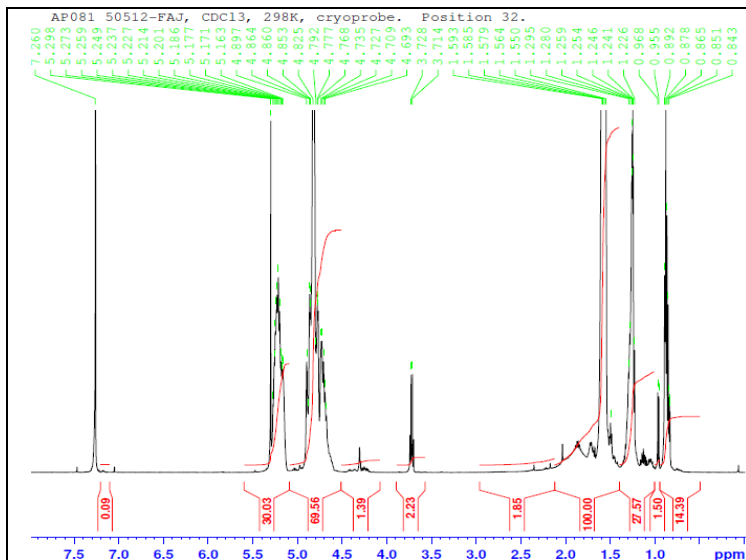


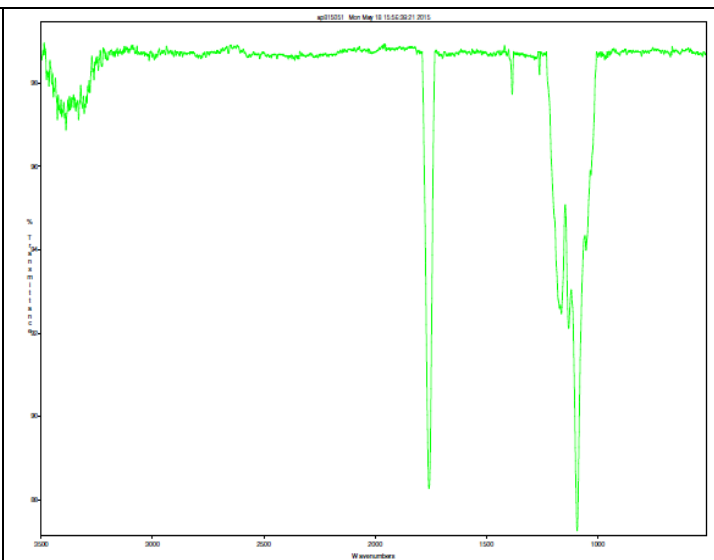
No. AP081

Certificate of Analysis

Product Name: Poly(lactic-co-glycolic) acid endcap (50:50 LA:GA, Mn: 5,000-10,000Da)
(Lot#: 50512FAJ) REV:A

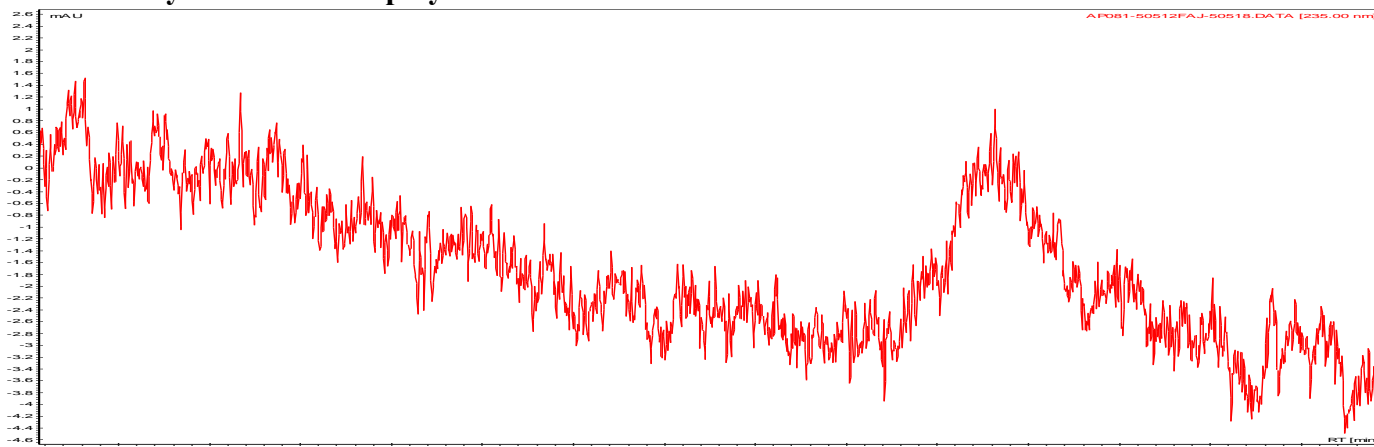


H-NMR Spectrum of PLGA copolymers in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers:
GA/LA = 53%/47% molar ratio (48%/52% w/w)



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

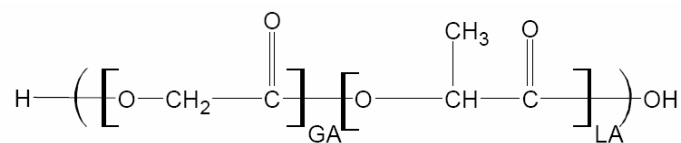
• GPC analysis of PLGA copolymers



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

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA	9,065	14,025	1.55

• Structure of PLGA copolymers



Material provided for research use only. Not for human use.