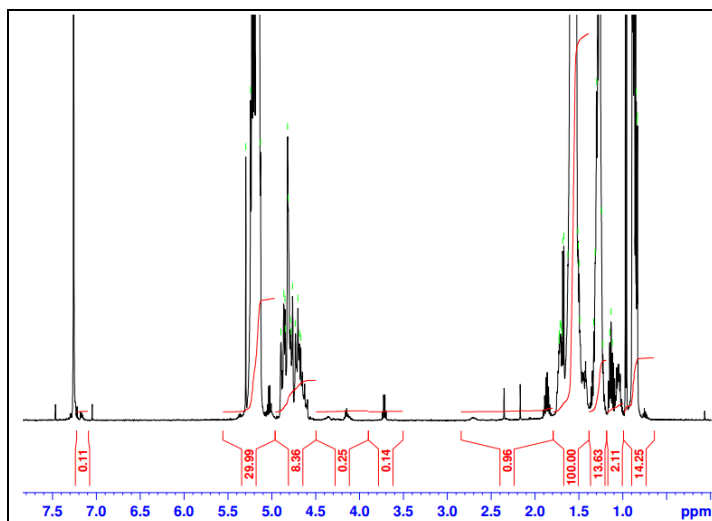


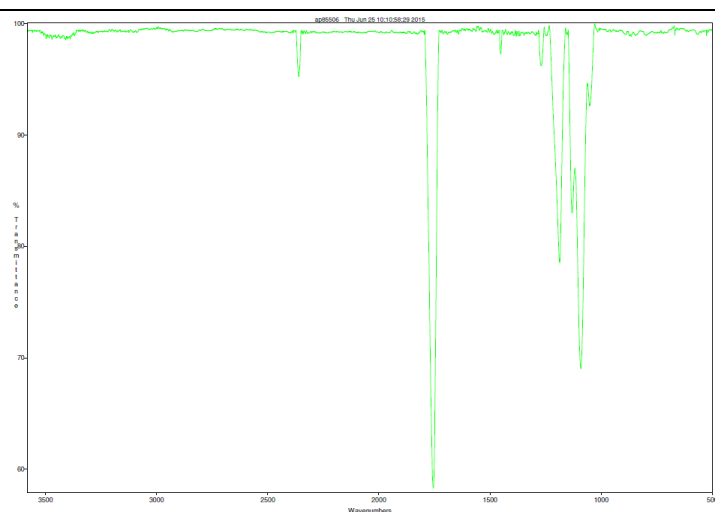
No. AP085

Certificate of Analysis

Product Name: Poly(lactic-co-glycolic acid) ester endcap (90:10 LA:GA, M_n : 25,000-35,000 Da) (Lot#: 50622MLS) REV:A

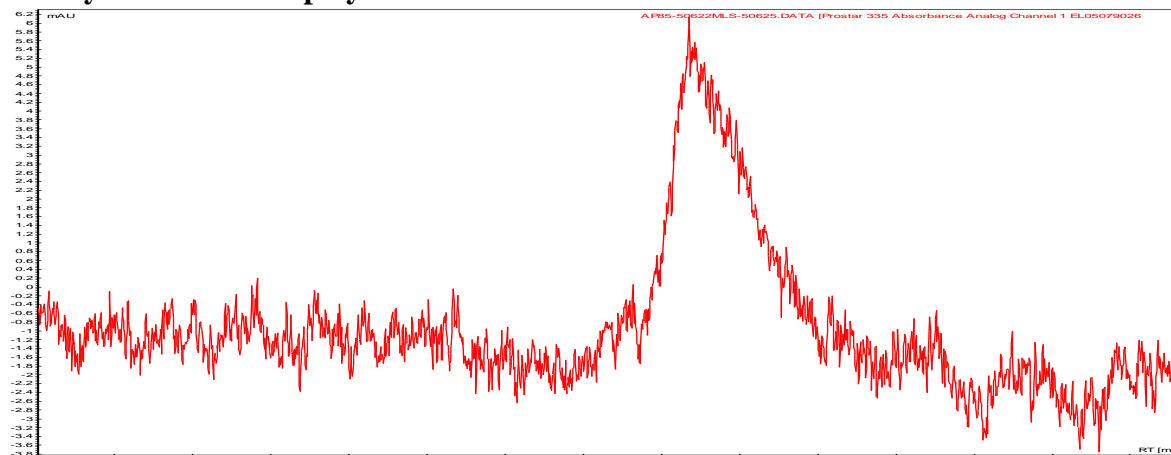


H-NMR Spectrum of PLGA copolymers in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers: GA/LA = 12%/88% molar ratio (10%/90% w/w)



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

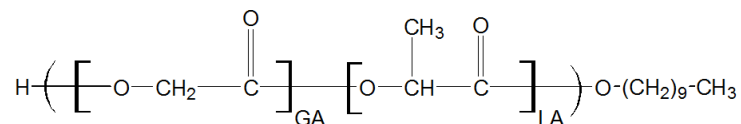
- **GPC analysis of PLGA copolymers**



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

Polymer	M_n (from GPC)	M_w (from GPC)	PDI
PLGA	34,991	80,885	2.31

- **Structure of PLGA copolymers**



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