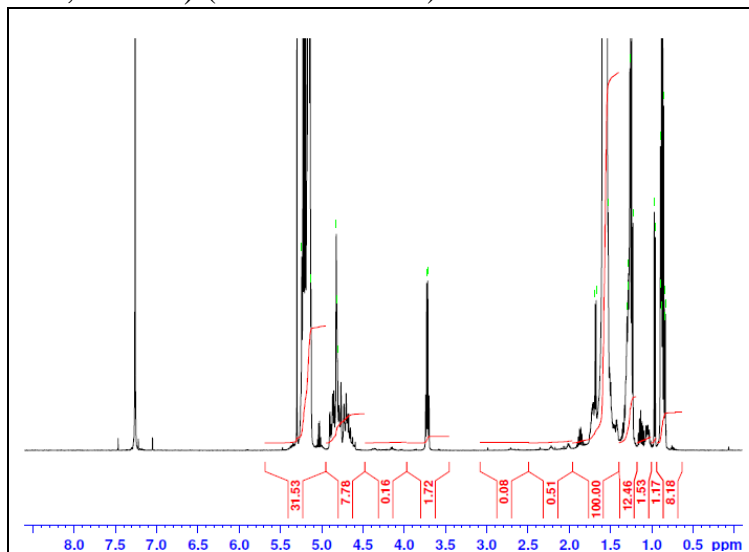


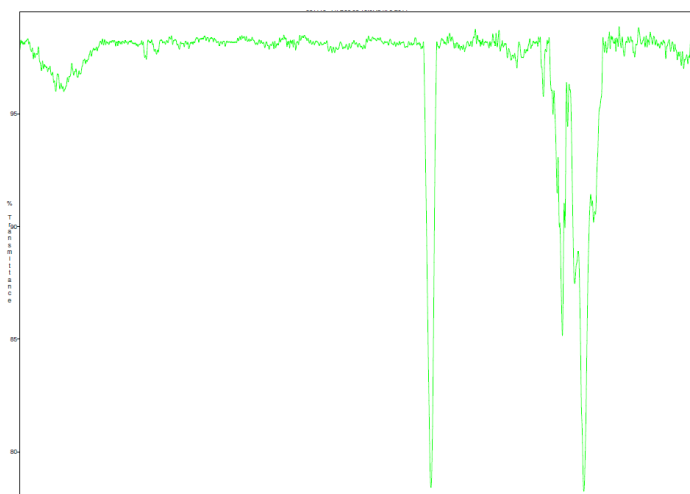
# No. AP088

# Certificate of Analysis

Product Name: Poly(lactide-co-glycolide) ester endcapped (90:10 LA:GA,  $M_n$ : 75,000-85,000 Da) (Lot#: 41119JSG) REV:A

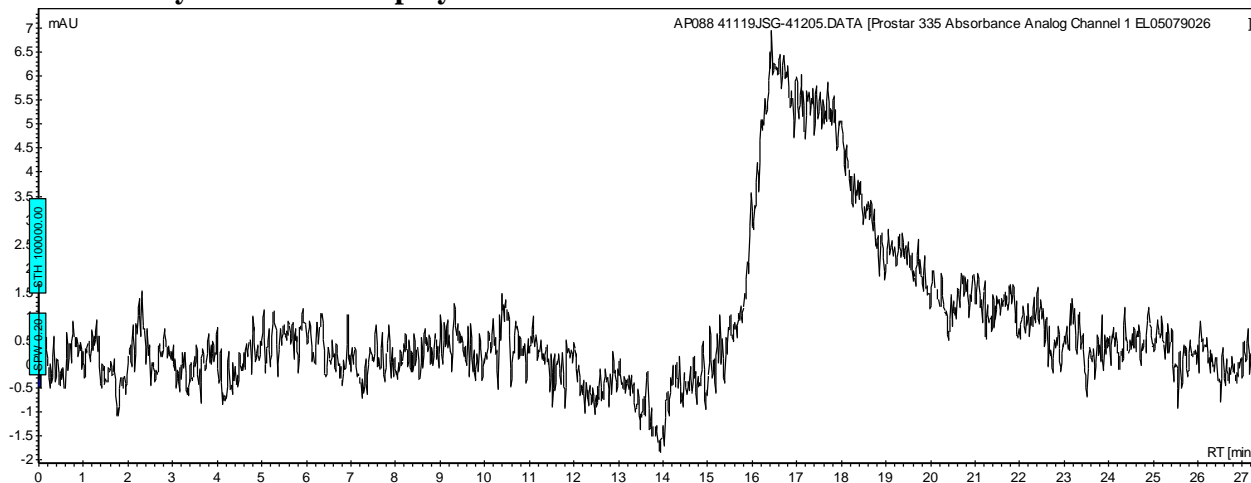


H-NMR Spectrum of PLGA copolymers in CDCl<sub>3</sub> (Varian Inova 500 MHz instrument), NMR of PLGA copolymers:  
GA/LA = 11%/89% molar ratio (9%/91% w/w)



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

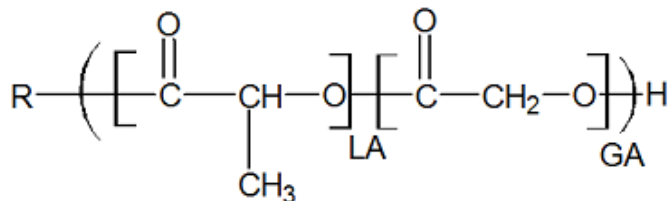
## • GPC analysis of PLGA copolymers



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

Polymer	$M_n$ (from GPC)	$M_w$ (from GPC)	PDI
PLGA	77,091	168,826	2.19

## • Structure of PLGA copolymers



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