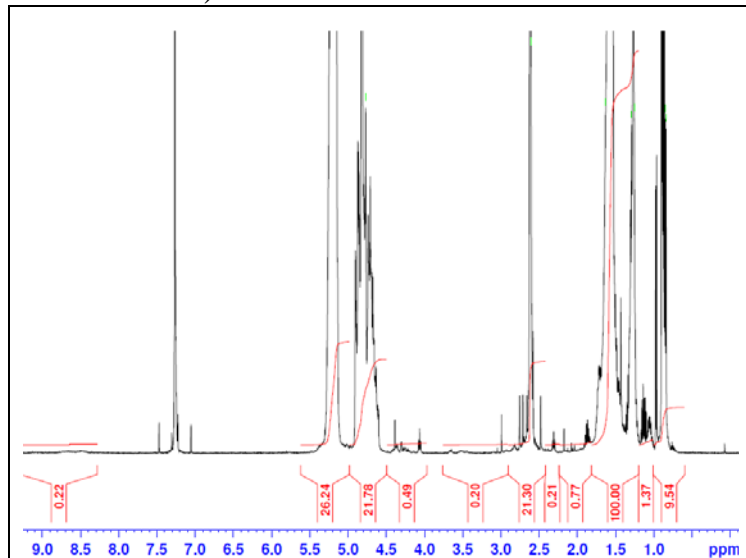
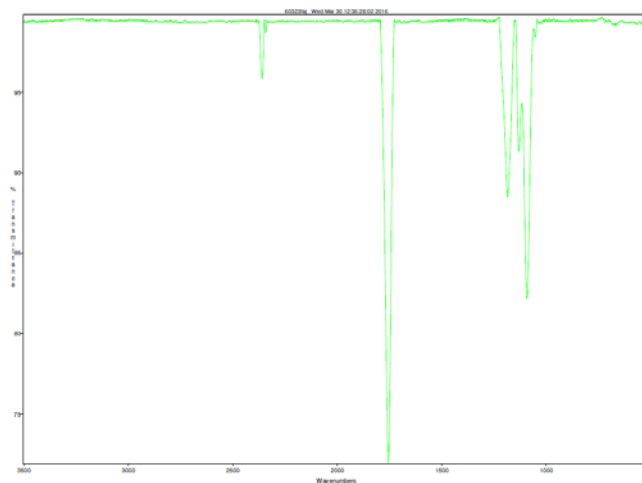


# No. AV030 Certificate of Analysis

Product Name: Poly(lactic-co-glycolic) copolymer-FPI-749 (75:25,  $M_N$  10,000-15,000) (Lot#: 60323FAJ-A)

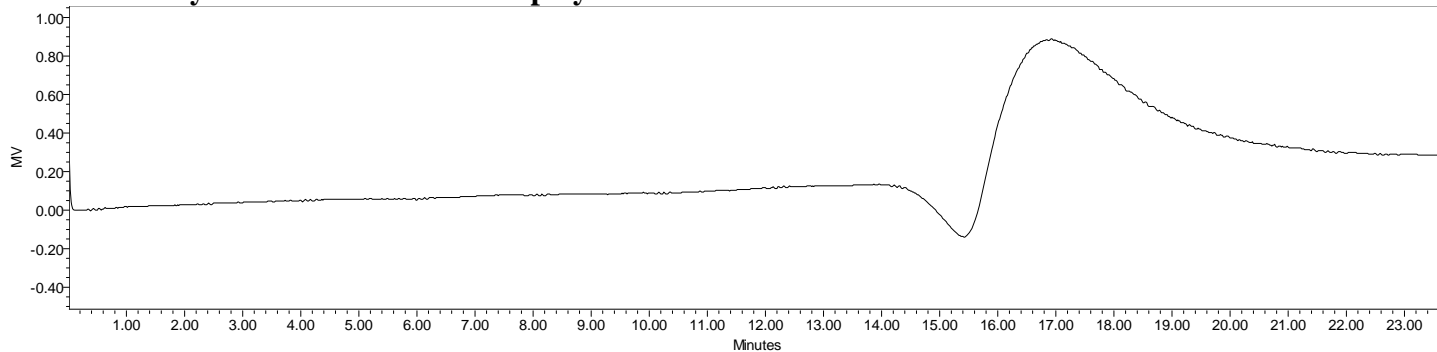


$^1\text{H-NMR}$  Spectrum of PLGA-FPI-749 copolymer in  $\text{CDCl}_3$  (Varian Inova 300 MHz instrument), NMR of PLGA-FPI-749 copolymers: GA/LA = 71%/29% molar ratio (75%/25% w/w)



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

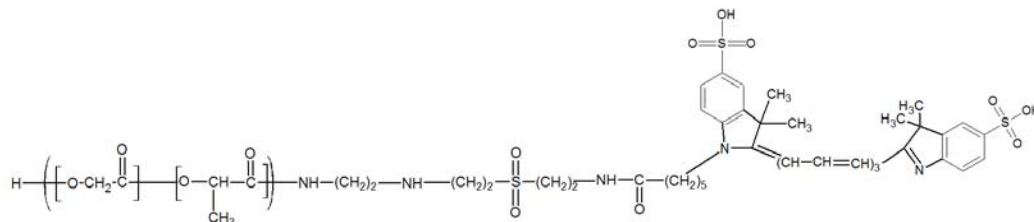
## • GPC analysis of PLGA-FPI-749 copolymers



Analysis Method: Waters Breeze 2 with 1 ml/min DCM flow across two Phenogel 5  $\mu\text{m}$  columns and one PLgel Resipore column (Agilent). Detection via refractive index, calibrated against polystyrene standards.

Polymer	$M_n$ (from GPC)	$M_w$ (from GPC)	PDI
PLGA-FPI-749	14,907	42,079	2.82

## • Structure of PLGA-FPI-749 copolymers



Material provided for research use only. Not for use in humans.

Material provided for research use only. Not for use in humans.