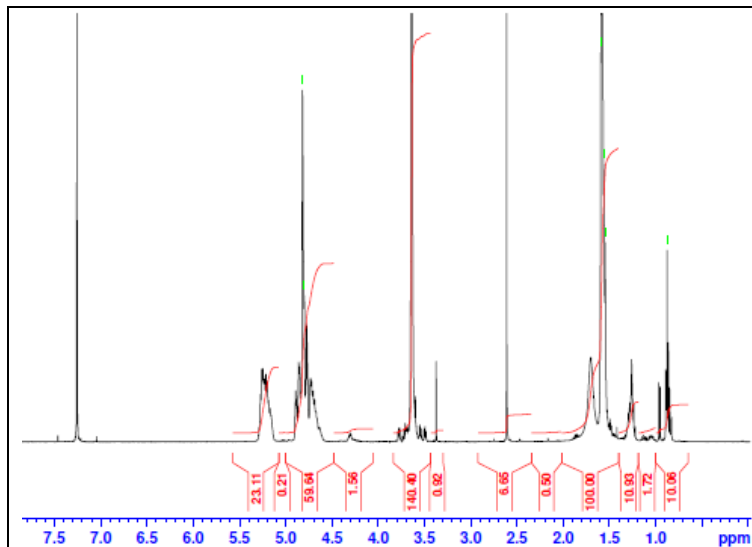


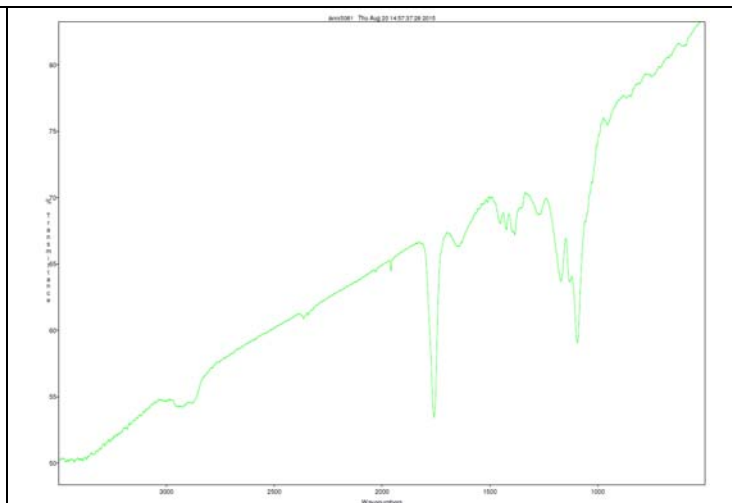
# No. AV21

# Certificate of Analysis

Product Name: Methoxy-Poly(ethylene glycol)-b-Poly(lactide-co-glycolide)-FKR560 copolymers ( $M_w \sim 5,000-10,000\text{Da}$ ) (Lot#: 50811JSG-C) REV:A



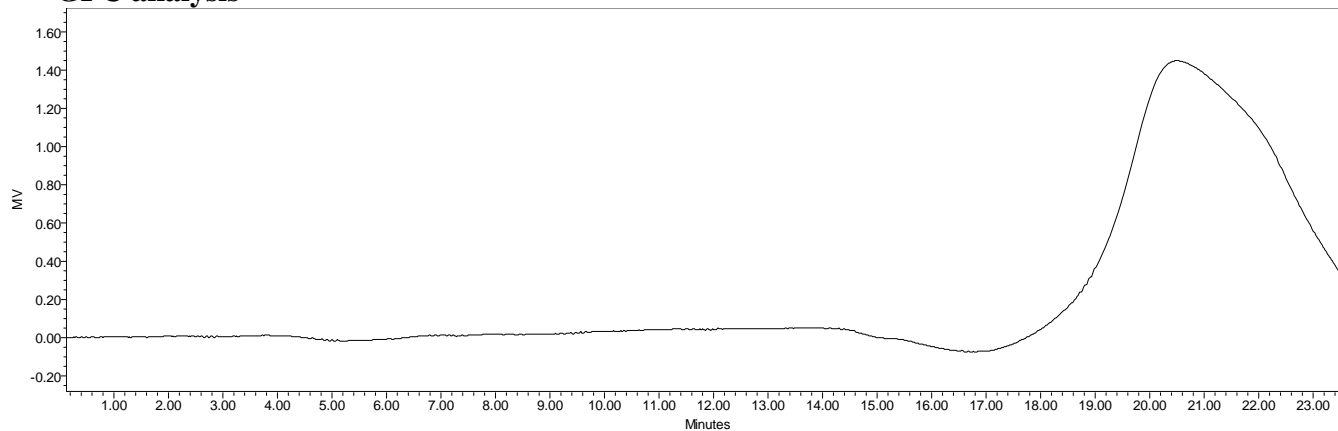
H-NMR Spectrum of mPEG-PLGA-FKR560 copolymers in  $\text{CDCl}_3$  (Varian Inova 500 MHz instrument), NMR of repeat units: EG-LA/GA = 234-82/105 ( $M_n$  EG-LA/GA = 5463-5878/6114)



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

**FKR560 manufacturer data:** Max absorbance: 562 nm, Max emission: 584 nm, common filter set: TRITC

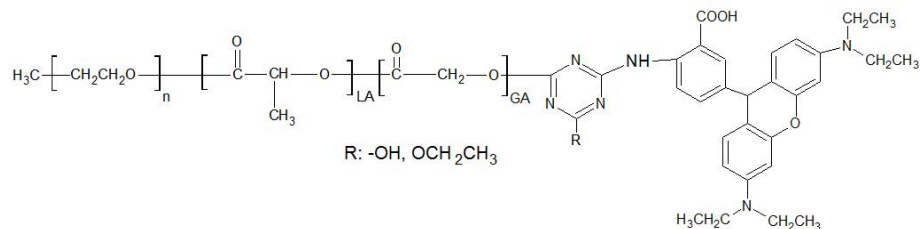
## • GPC analysis



Analysis Method: Waters Breeze 2 system with 1 ml/min DCM flow across three Phenogel 5um columns (Phenomenex). Detection via refractive index, calibrated against polystyrene standards.

Polymer	$M_n$ (from GPC)	$M_w$ (from GPC)	PDI
mPEG-PLGA-FKR560	11,812	16,468	1.39
mPEG	5,488	5,847	1.06

## • Structure of mPEG-PLGA-FKR560 copolymers



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