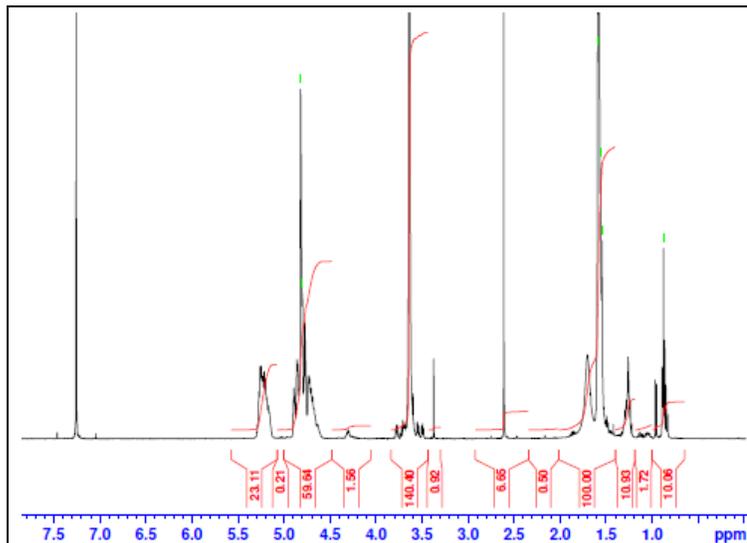


No. AV21

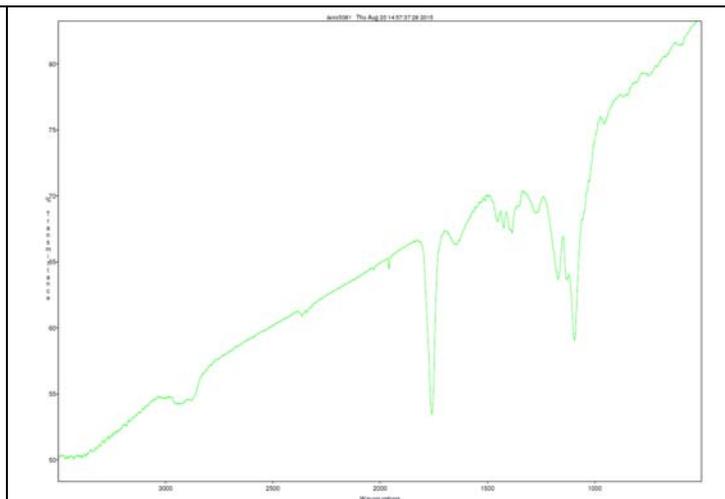
Certificate of Analysis



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)



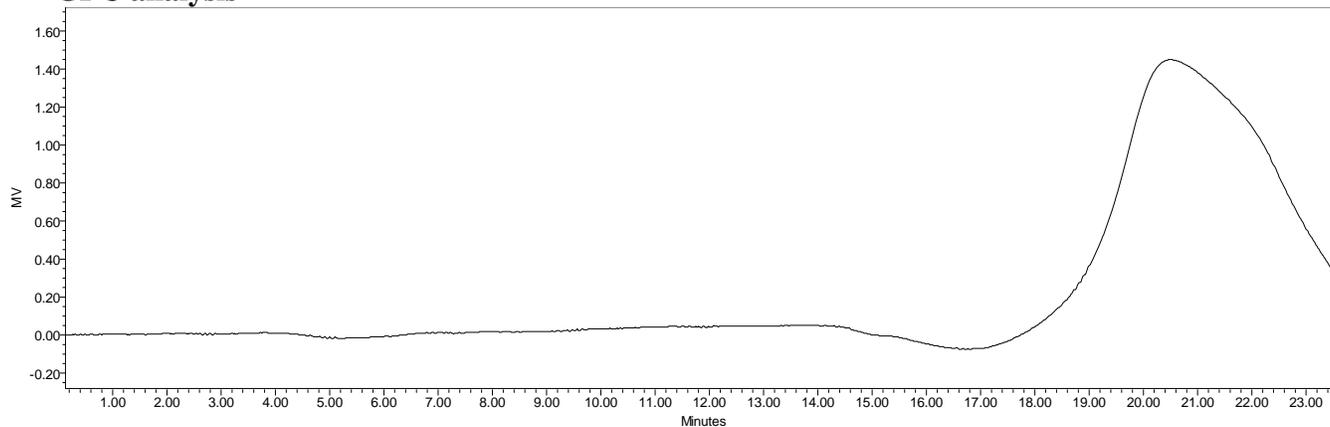
H-NMR Spectrum of mPEG-PLGA-FKR560 copolymers in CDCl_3 (Varian Inova 500 MHz instrument), NMR of repeat units: EG-LA/GA = 234-82/105 (M_n EG-LA/GA = 5463-5878/6114)



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

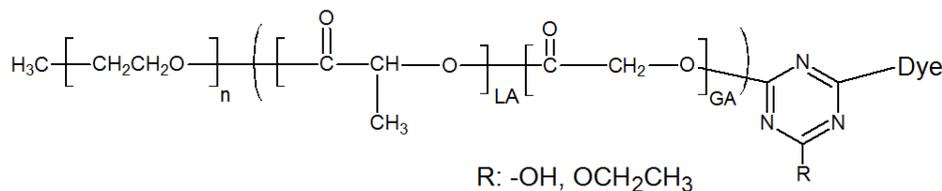
• GPC analysis



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.

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