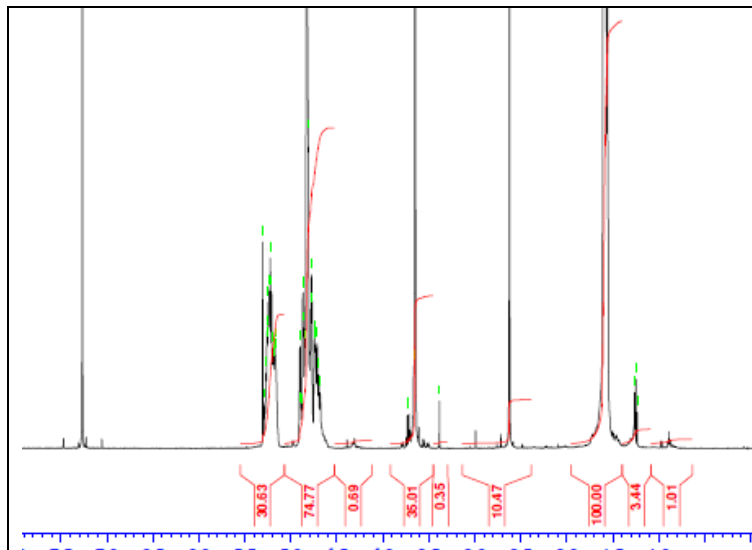


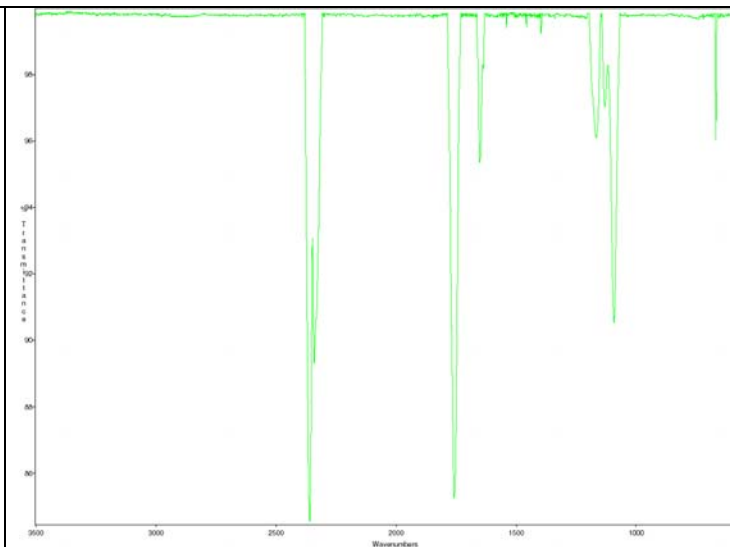
No. AV018

Certificate of Analysis

Product Name: Methoxy-Poly(ethylene glycol)-b-Poly(lactide-co-glycolide)-FKR560 copolymers ($M_w \sim 3,000-36,000\text{Da}$) (Lot#: 60212FAJ-B)

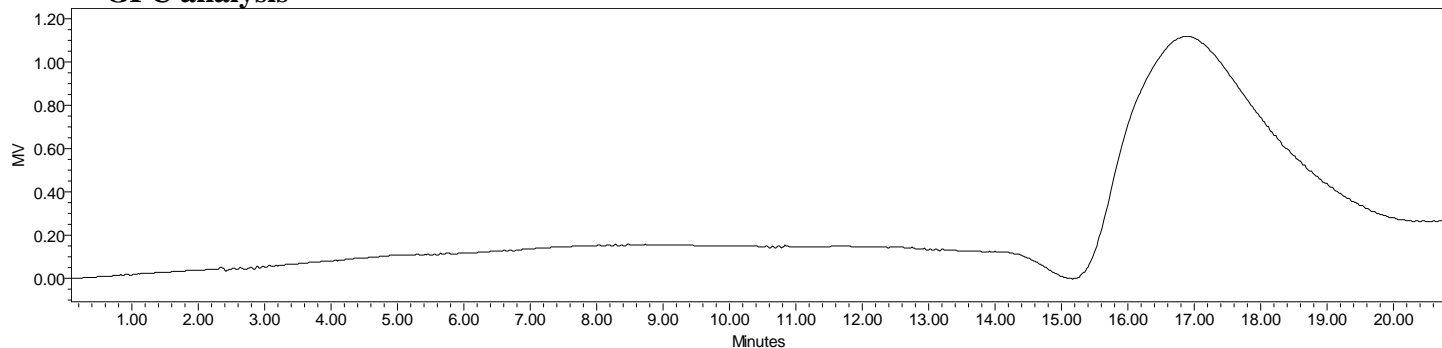


$^1\text{H-NMR}$ Spectrum of mPEG-PLGA-FKR560 copolymers in CDCl_3 (Varian Inova 500 MHz instrument), NMR of repeat units: EG-LA/GA = 85-297/363 (M_n EG-LA/GA = 3745-21417/21072)



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

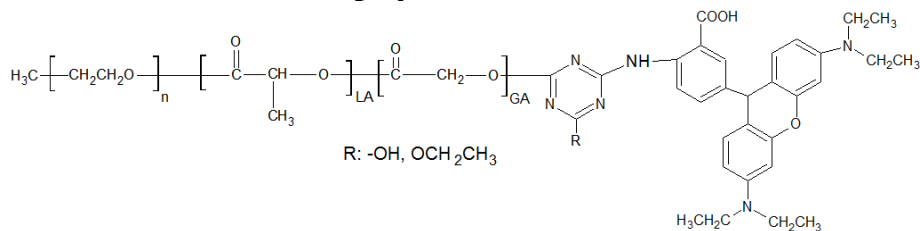
• GPC analysis



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 | 37,005 | 54,359 | 1.47 |
| mPEG | 2352 | 3729 | 1.59 |

• Structure of mPEG-PLGA-FKR560 copolymers



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