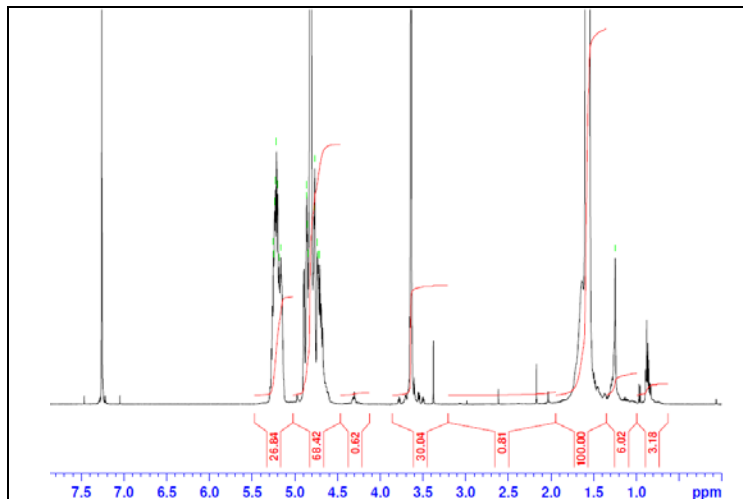


# No. AV18

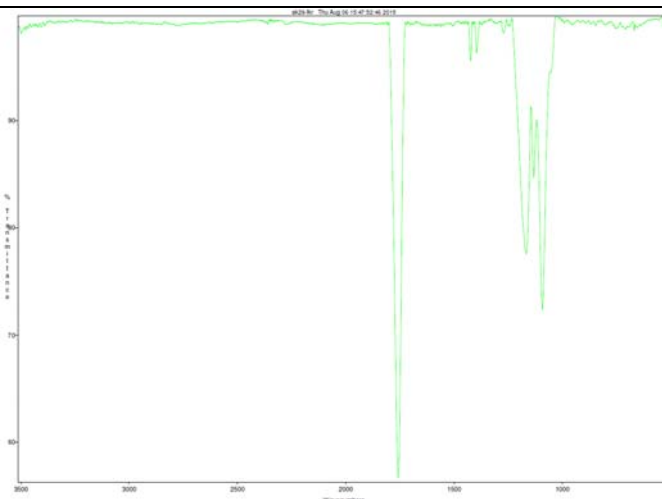
# Certificate of Analysis



Product Name: Methoxy-Poly(ethylene glycol)-b-Poly(lactide-co-glycolide)-FKR560 copolymers ( $M_w \sim 3,000-36,000\text{Da}$ ) (Lot#: 50730JSG)

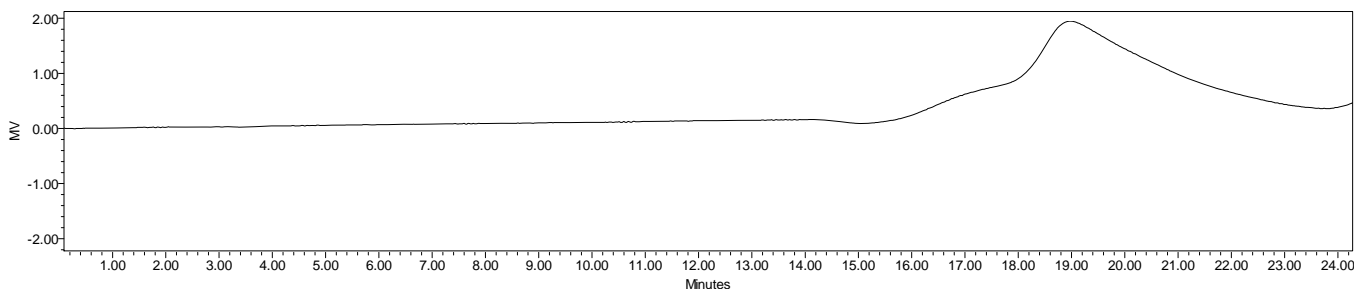


H-NMR Spectrum of mPEG-PLGA-FKR560 copolymers in  $\text{CDCl}_3$  (Varian Inova 500 MHz instrument), NMR of repeat units: EG-LA/GA = 70-250/319 ( $M_n$  EG-LA/GA = 3084-18012/18507)



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

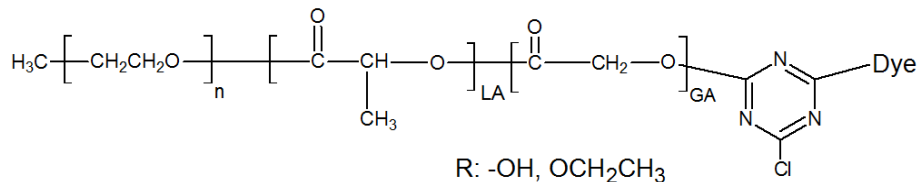
## • GPC analysis



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	20,170	39,333	1.95
mPEG	2352	3729	1.59

## • Structure of mPEG-PLGA-FKR560 copolymers



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

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