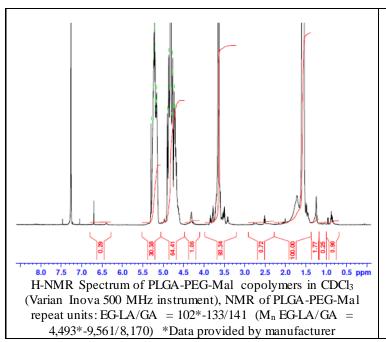
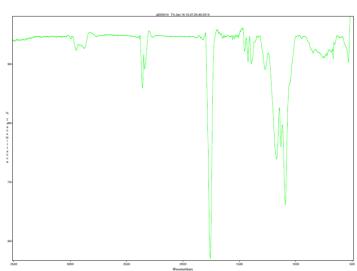
## No. AI020

## Certificate of Analysis



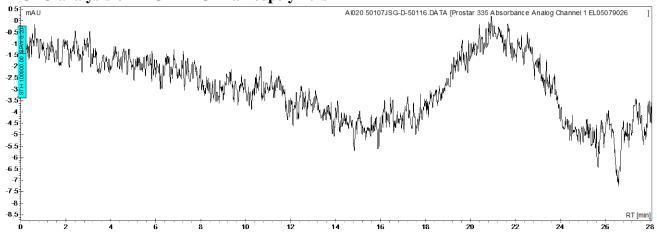
Product Name: Poly(lactic-co-glycolic)-b-Poly(ethylene glycol)-Maleimide copolymers (M<sub>w</sub> ~20,000-5,000Da) (Lot#: 41113JSG-RPD) (repurifed-dialyzed)





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

## GPC analysis of PLGA-PEG-Mal copolymers



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Phenogel 5µm columns and one Resipore column (Agilent). Detection via UV/Vis, calibrated against polystyrene standards.

Polymer	M <sub>n</sub> (from GPC)	M <sub>w</sub> (from GPC)	PDI
PLGA-PEG-Mal	11045	27,874	2.52
PEG Precursor		M <sub>n</sub> by GFC - 4500*	

<sup>\*-</sup>data provided by manufacturer

## • Structure of PLGA-PEG-Mal copolymers

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