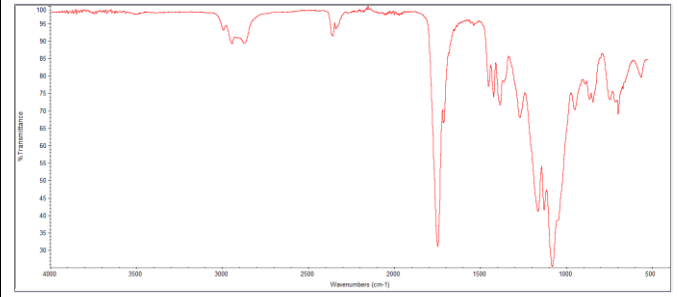
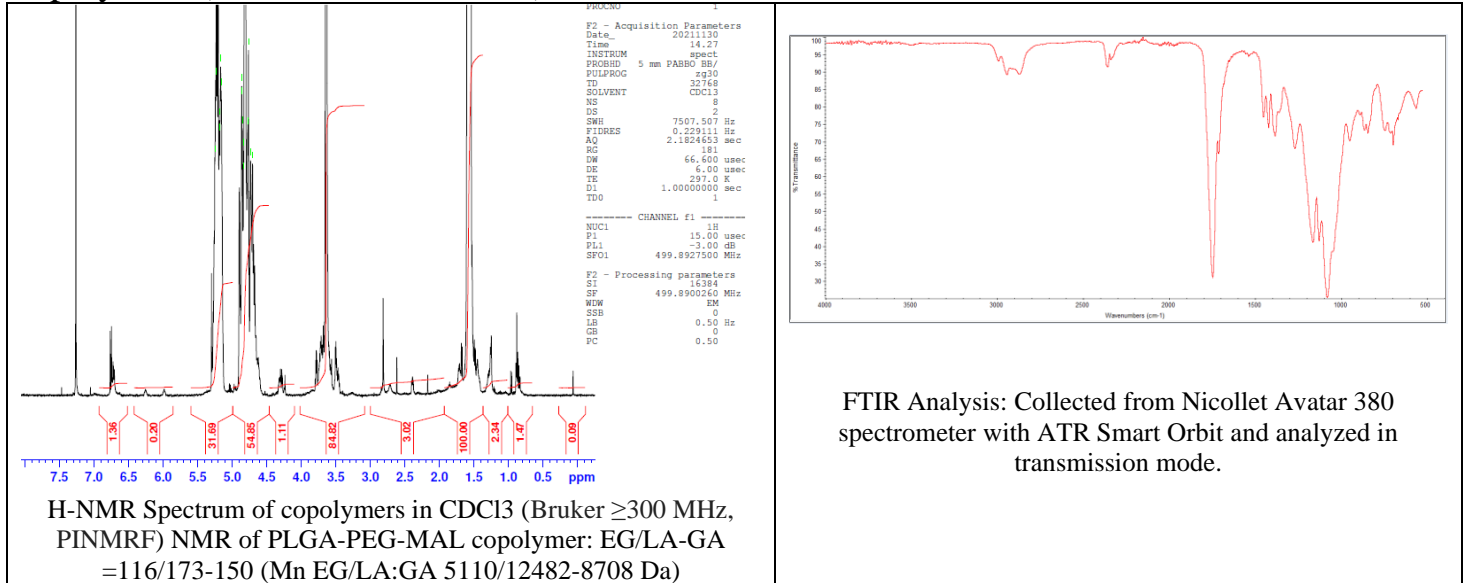


# No. AI020

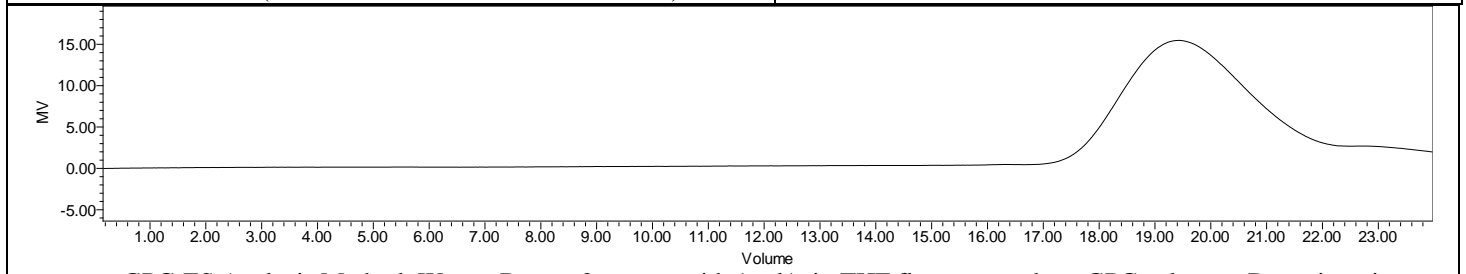
# Certificate of Analysis



Product Name: Poly(lactic-co-glycolic)-b-Poly(ethylene glycol)-Maleimide Copolymers ( $M_w \sim 20,000-5,000\text{Da}$ ) (Lot#: 21119RAI-B)



FTIR Analysis: Collected from Nicolet Avatar 380 spectrometer with ATR Smart Orbit and analyzed in transmission mode.



GPC-ES Analysis Method: Waters Breeze 2 system with 1 ml/min THF flow across three GPC columns. Detection via refractive index, calibrated against polystyrene standards.

Polymer	$M_n$ (from GPC)	$M_w$ (from GPC)	PDI
PLGA-PEG-MAL	30,079	42,976	1.43
PEG-Precursor*		5126*	

\*- from MFG data

## Structure of PLGA-PEG-Mal copolymers

