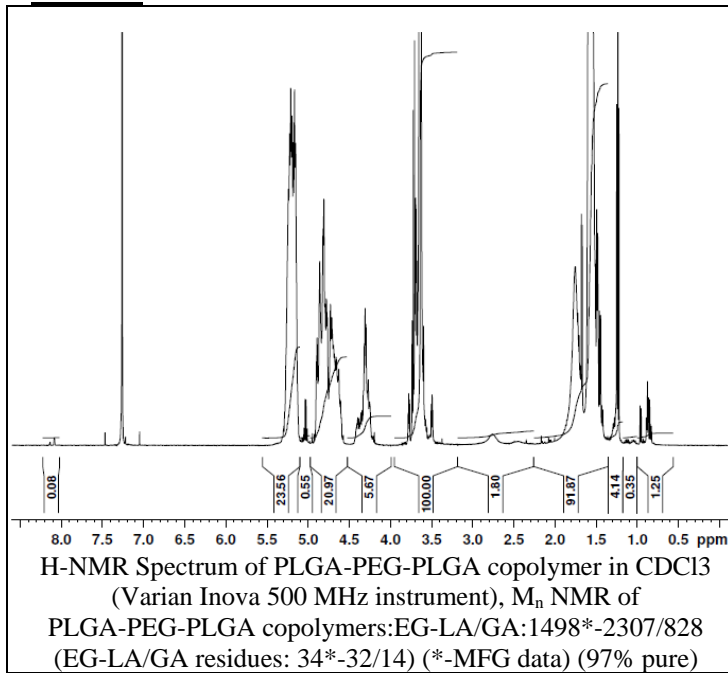


No. AK88

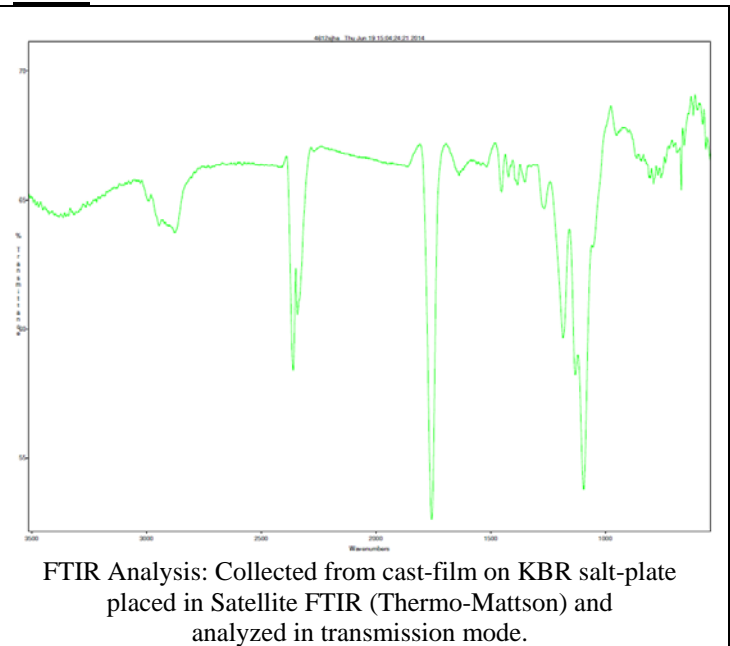
Certificate of Analysis

Product Name: Poly(lactic-co-glycolic acid)-*b*-Poly(ethylene glycol)-*b*-Poly(lactic-co-glycolic acid) copolymers (M_n 1,600:1,500:1,600 Da, 3:1 LA:GA) (Lot# 40612SJH-A)

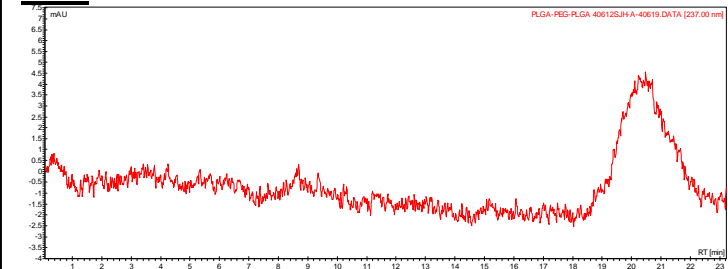
H-NMR



FTIR



GPC

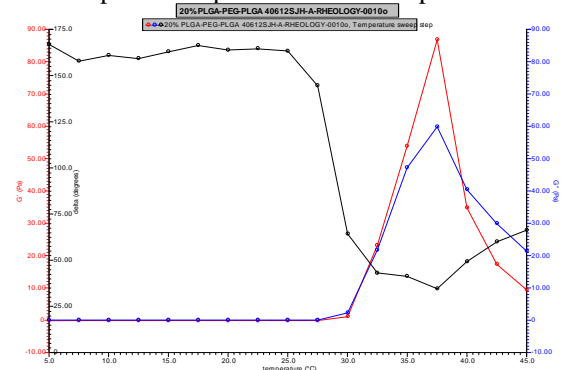


Polymer	M_n (GPC)	M_w (GPC)	PDI
PLGA-PEG-PLGA	6043	9012	1.49
PEG precursor	$M_n - 1,485^*$		

*-MFG data

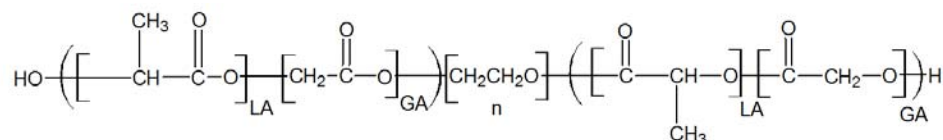
Rheology

Rheology performed on AR550 (TA instruments) with 60mm 2degree cone on 20% w/v polymer in water dissolved over two days with stirring at 4°C. Viscosity of solution at 0.1 (sec⁻¹) and 5°C was measured (1minute peak hold 5 second test intervals). Rheology performed by oscillating at constant 6.283 rad/s, 0.1% strain, in increments of 2.5°C ranging from 5-45°C with 3 minutes of temperature equilibration at each point.



Viscosity 20% w/v solution at 5°C | 0.06958 Pa.s

Structure



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

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