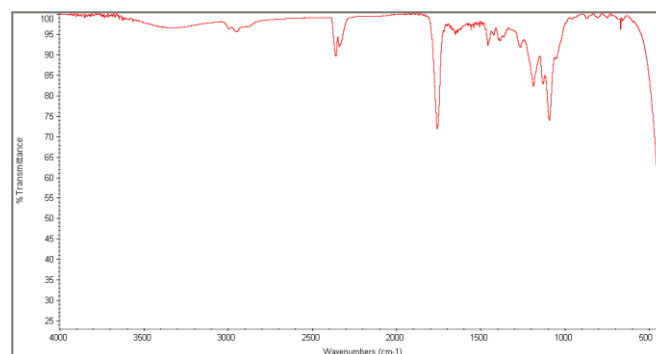
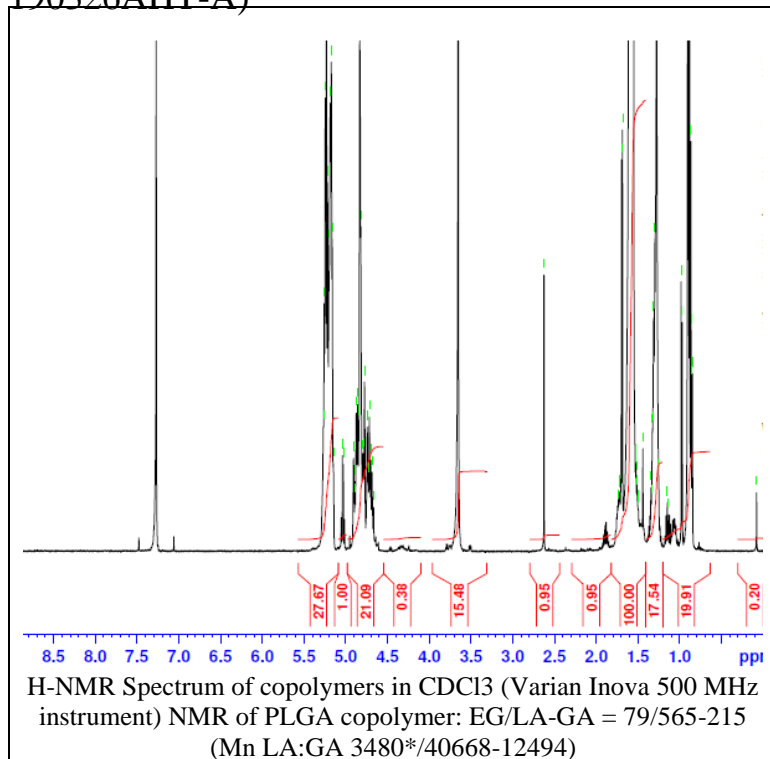


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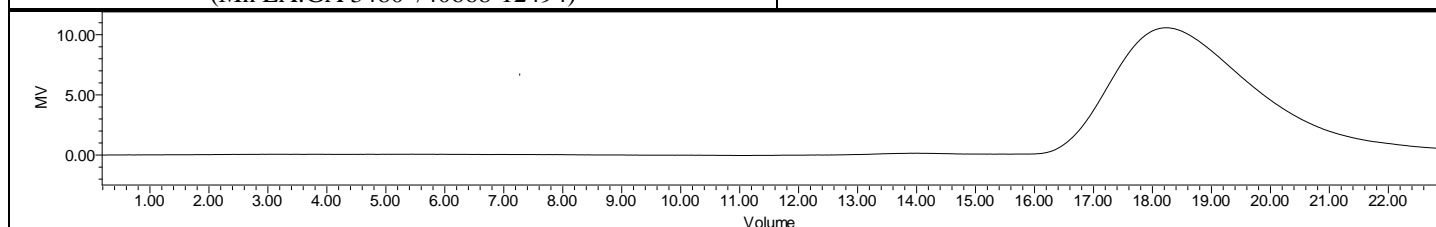
Certificate of Analysis



Product Name: Poly(lactide-co-glycolide)-b-Poly(ethylene glycol)-carboxylic acid endcap (60,000 Da-3,400 Da, 75:25 LA:GA) (Lot# 190326AHT-A)



FTIR Analysis: Collected from cast-film on KBr salt-plate placed in Nicolet Avatar 320 spectrometer and analyzed in transmission mode.



GPC 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-COOH	63,609	81,790	1.29
HO-PEG-COOH*		3500*	

*- from MFG data

• Structure of PLGA-PEG-COOH copolymers

