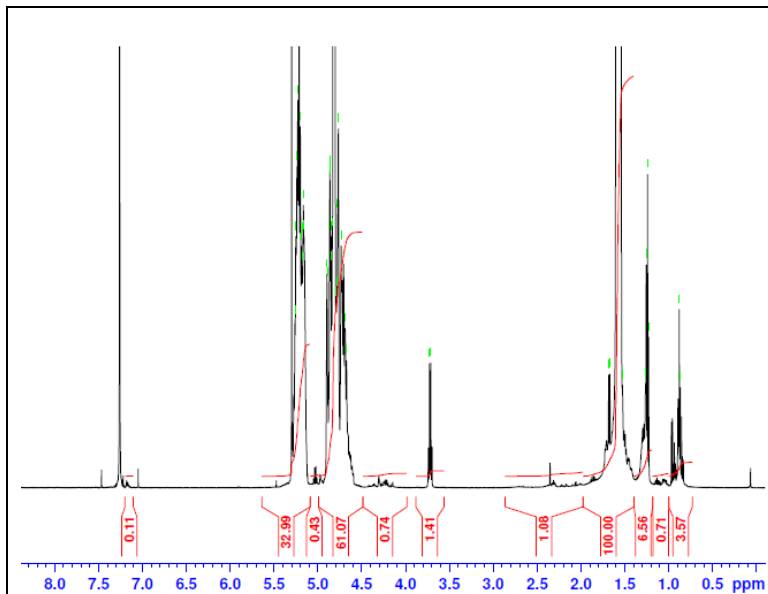


No. AP121

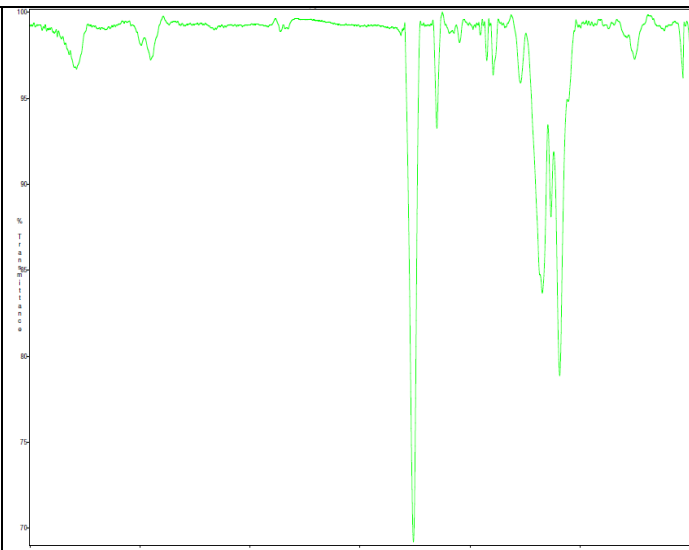
Certificate of Analysis

Product Name: Poly(lactic-co-glycolic acid) ester endcapped (50:50 LA:GA)

(M_n: 45,000-55,000Da) (Lot#: 50127BAK)

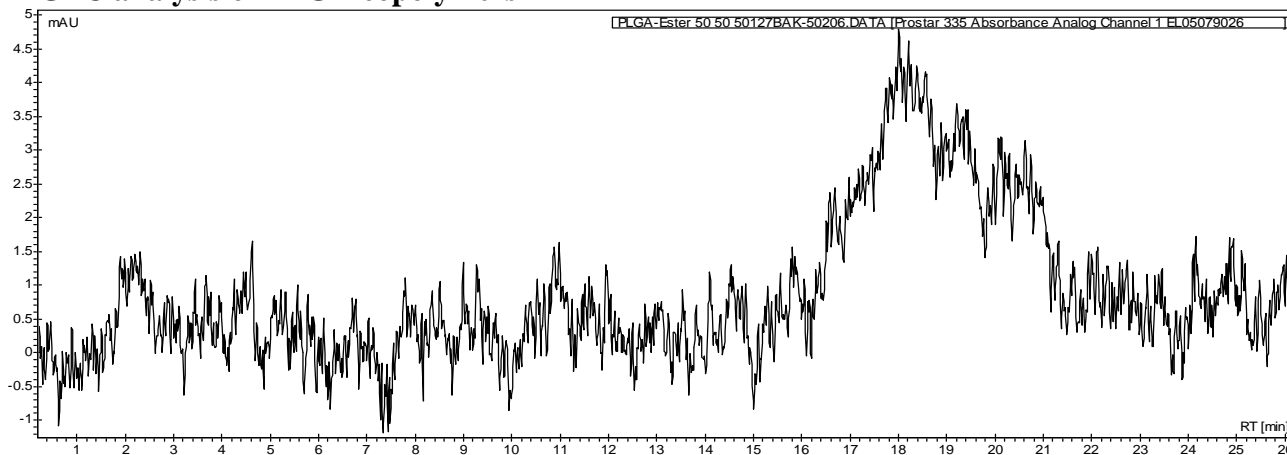


H-NMR Spectrum of PLGA copolymers in CDCl₃
(Varian Inova 500 MHz instrument),
NMR of PLGA copolymers: LA/GA = 57%/43%



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

- **GPC analysis of PLGA copolymers**



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

Polymer	M _n (from GPC)	M _w (from GPC)	PDI
PLGA	45,054	83,020	1.84

- **Structure of PLGA copolymers**

