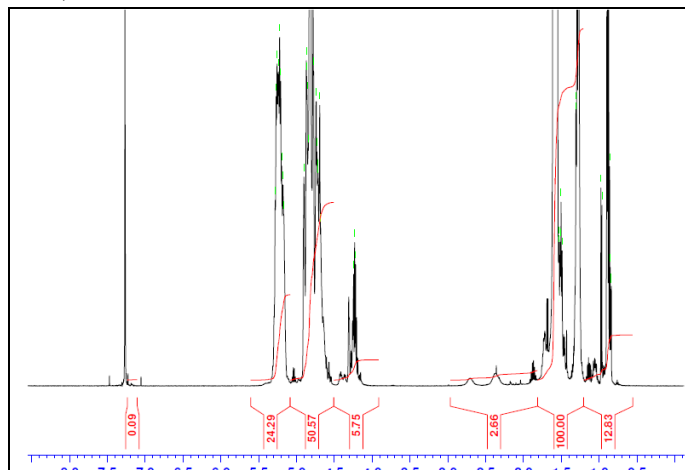


No. AP198

Certificate of Analysis

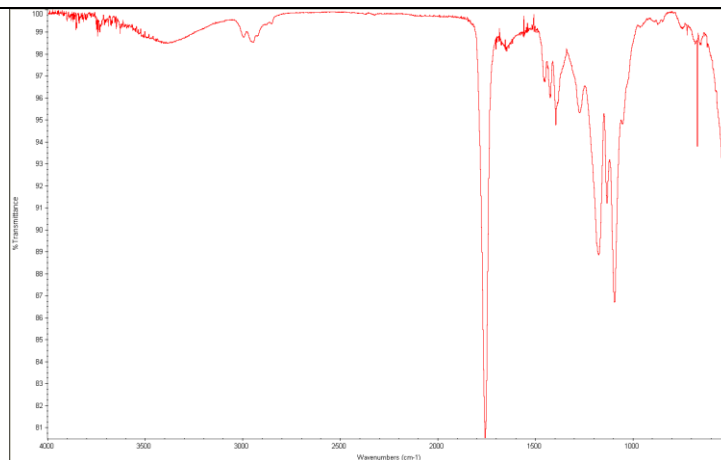
Product Name: Poly(lactic-co-glycolic acid) ester endcapped (60:40 LA:GA, Mn: 5,000-10,000Da) (Lot#61110JSG-B)

H-NMR



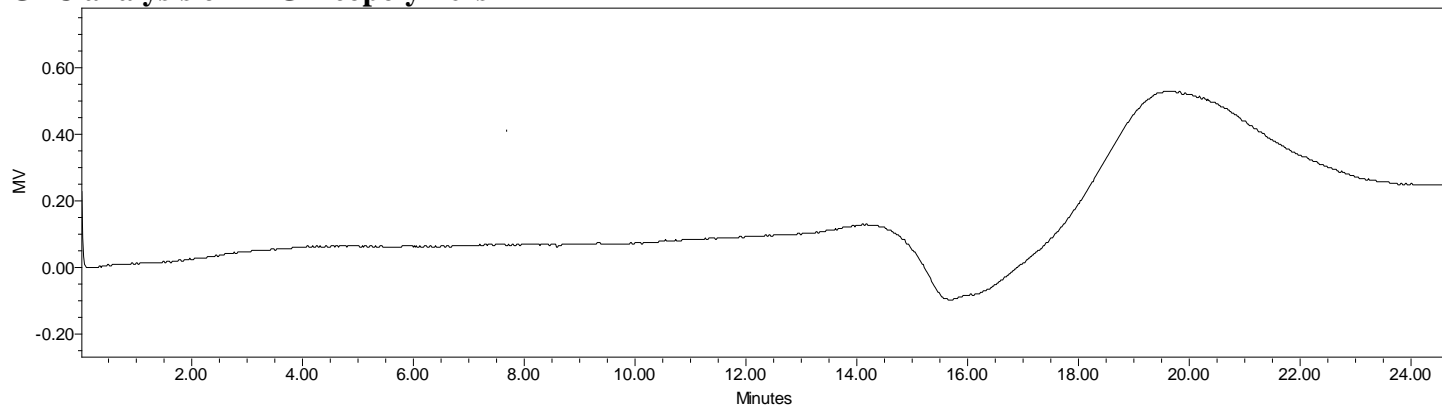
H-NMR Spectrum of PLGA copolymers in CDCl₃ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers: GA/LA = 51%/49% molar ratio (46%/54% w/w)

FTIR



Analysis Method: Collected from cast-film on KBR salt-plate placed in Protégé 460 Spectrometer E.S.P. (Nicolet) and analyzed in transmission E.S.P. mode.

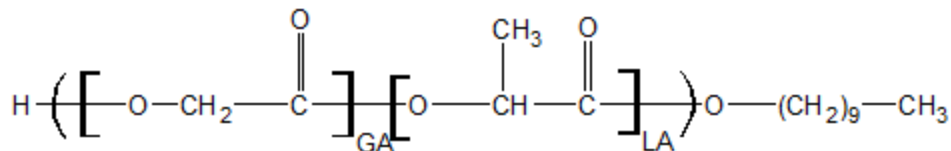
GPC analysis of PLGA copolymers



Analysis Method: Waters Breeze 2 system with 1 ml/min DCM flow across three GPC columns (7.8 x 300 mm, mixed porosity). Detection via refractive index, calibrated against polystyrene standards.

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA	7,194	13,818	1.92

- Structure of PLGA copolymers



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