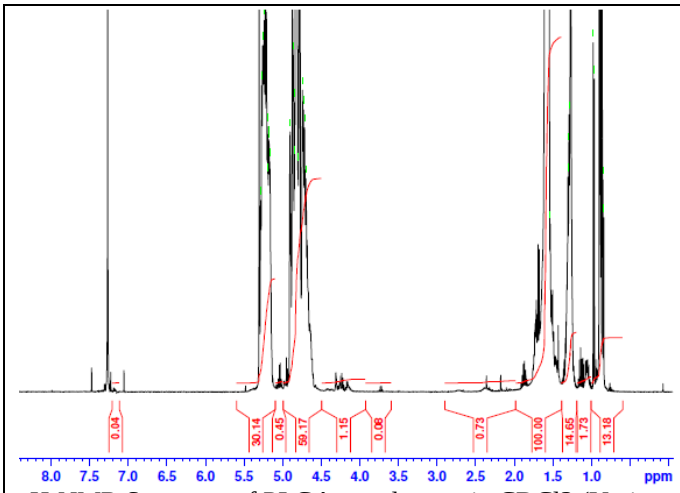
No. AP063 Certificate of Analysis

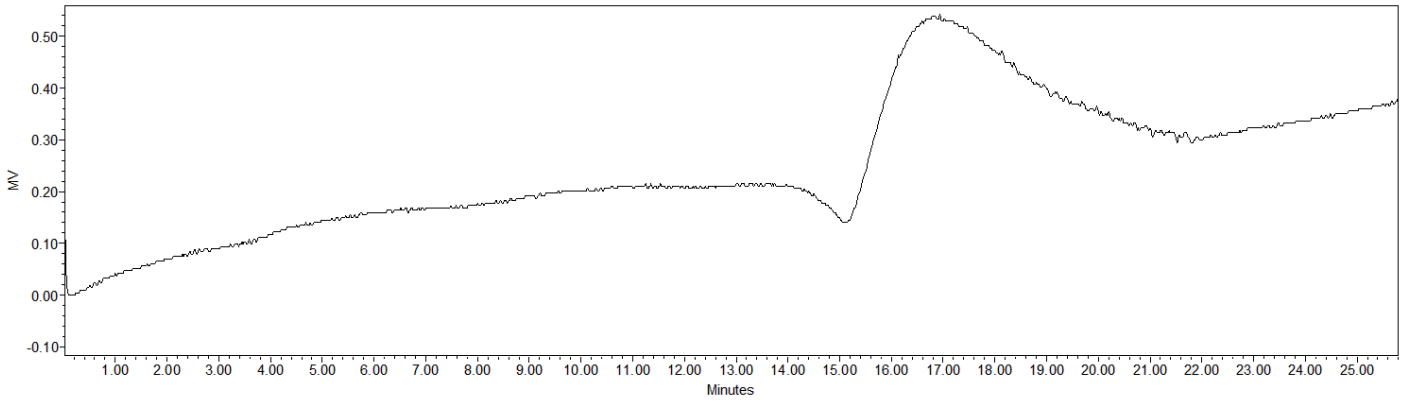
Product Name: Poly(lactide-co-glycolide) ester endcapped (50:50 LA:GA, Mn: 15,000-25,000Da) (Lot#: 61014BPR-D)



H-NMR Spectrum of PLGA copolymers in CDCl3 (Varian Inova 500 MHz instrument), NMR of PLGA copolymers: GA/LA = 50%/50% molar ratio (44%/56% 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.

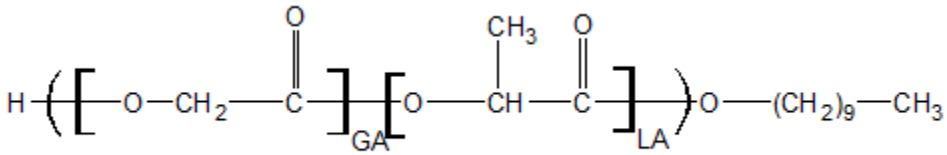
GPC analysis of PLGA copolymers



Analysis Method: Waters Breeze 2 system with 1 ml/min DCM flow across three GPC columns (7.6 x 300 mm, mixed porosities). Detection via refractive index, calibrated against polystyrene standards.

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA	23,833	48,464	2.03

- **Structure of PLGA copolymers**



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