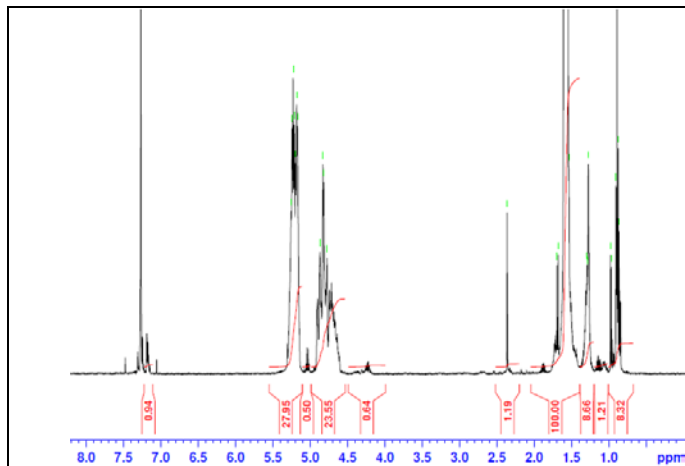
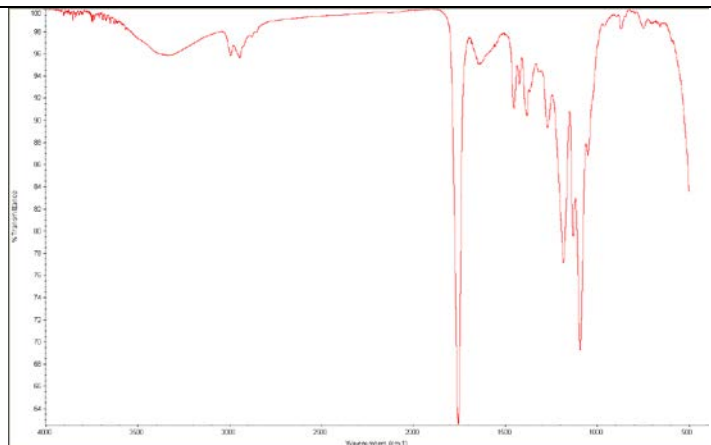


No. AP199 Certificate of Analysis

Product Name: Poly(lactide-co-glycolide) ester endcapped (Mn: 75,000-85,000 Da, LA:GA 75:25) (Lot#: 70126STR-A)

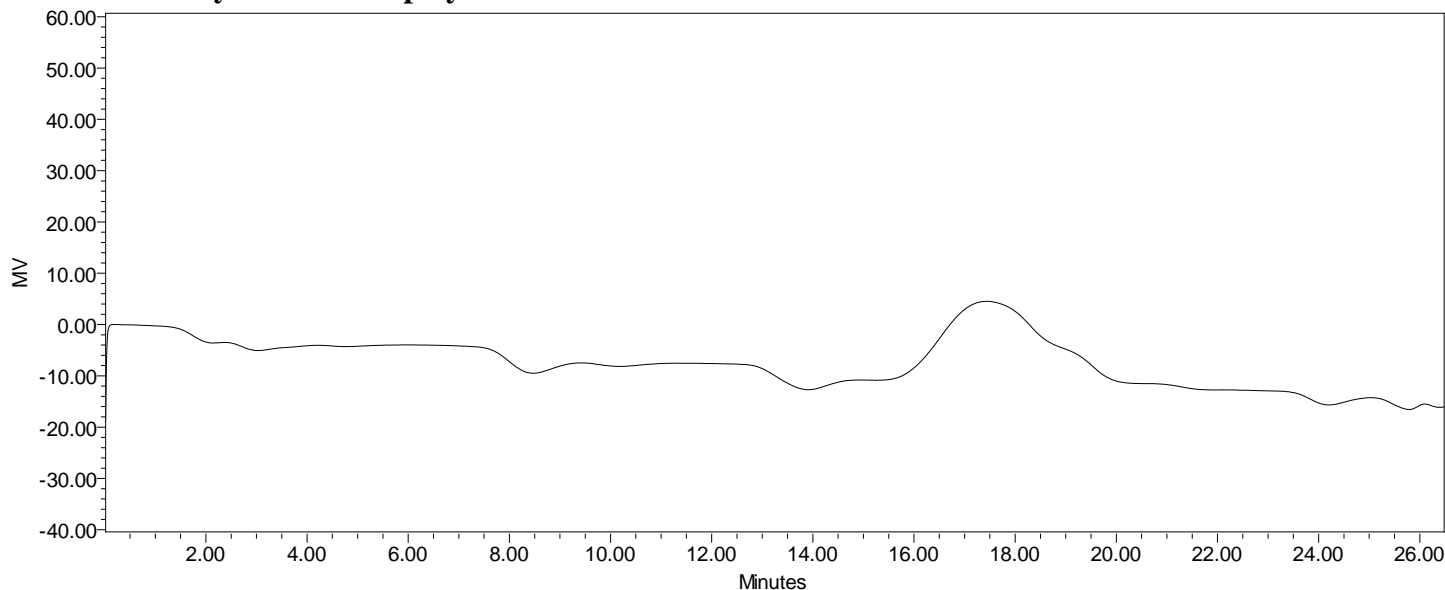


¹H-NMR Spectrum of PLGA polymers in CDCl₃ (Varian Inova 500 MHz instrument) NMR of PLGA repeat units: LA/GA = 70:30 molar (75/25 w/w)



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

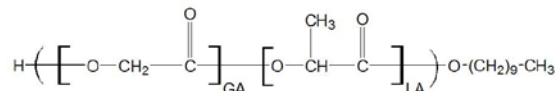
• GPC analysis of PLGA polymers



Analysis Method: Waters Breeze 2 system with 1 ml/min THF flow across two Phenogel 5 μ m columns and one PLgel Resipore column (Agilent). Detection via UV/Vis, calibrated against polystyrene standards.

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA	37,107	51,588	1.39

• Structure of PLGA polymers



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