

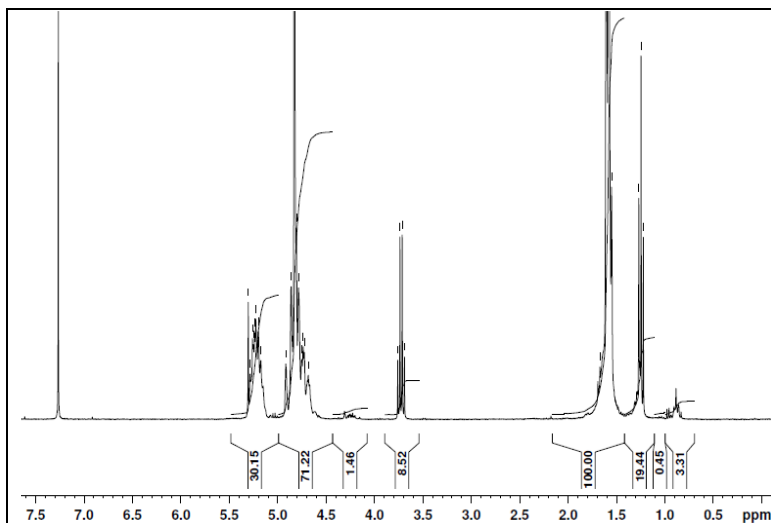
No. AP022

Certificate of Analysis

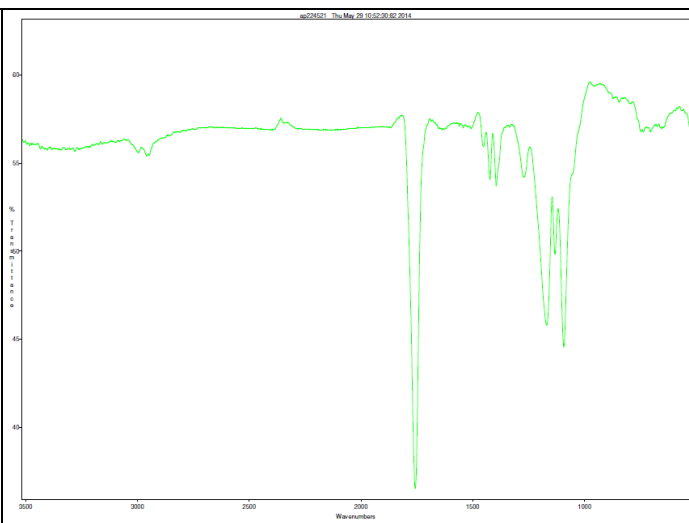


Product Name: Poly(lactic-co-glycolic acid) ester endcapped (1:1 LA:GA)

(M_n : 25,000-35,000 Da) (Lot#: 40521JSG) REV:A

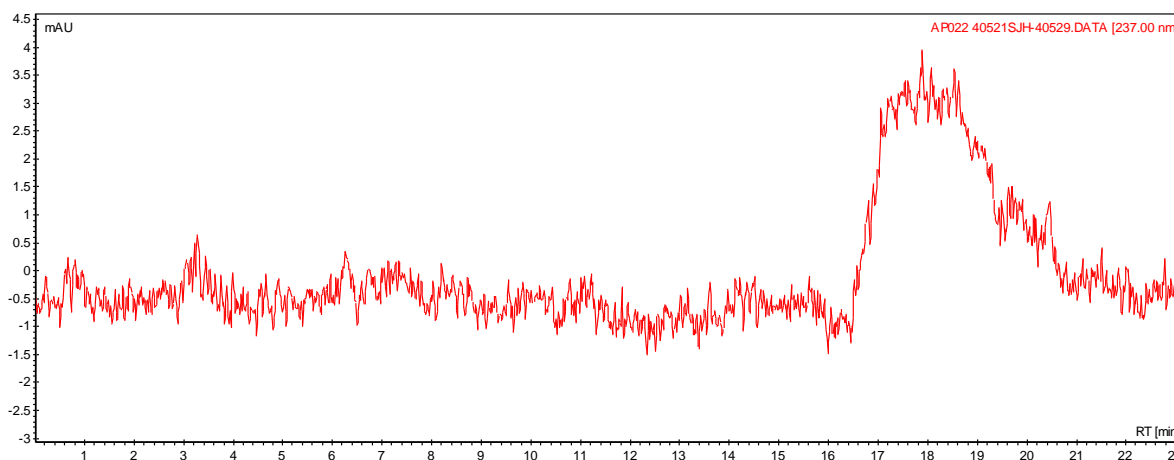


H-NMR Spectrum of PLGA copolymers in $CDCl_3$
(Varian Inova 500 MHz instrument), NMR of PLGA copolymers:
GA/LA = 54%/46% molar ratio (49%/51% w/w)



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

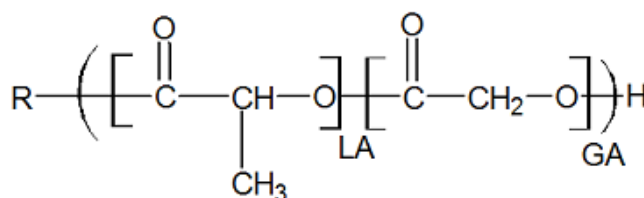
• GPC analysis of PLGA copolymers



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Phenogel 5 μ m 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	25,244	40,598	1.61

• Structure of PLGA copolymers



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

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