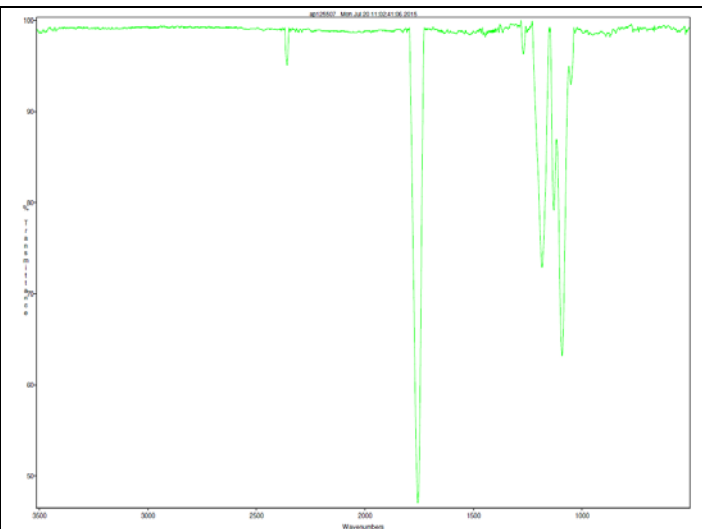
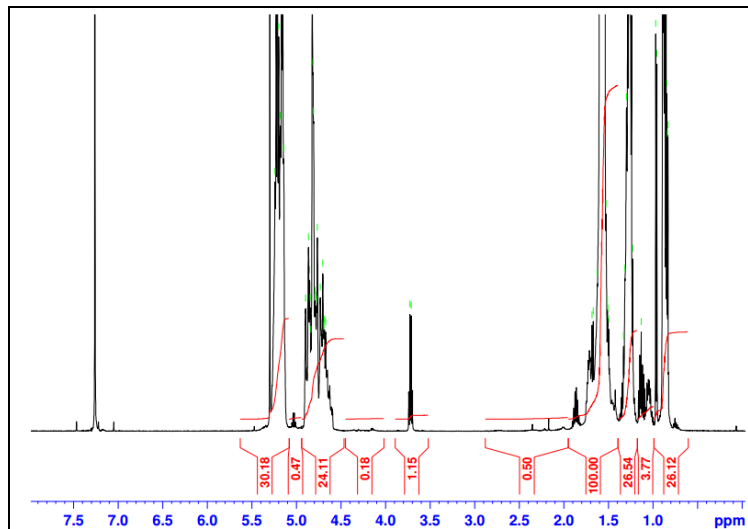


No. AP125

Certificate of Analysis



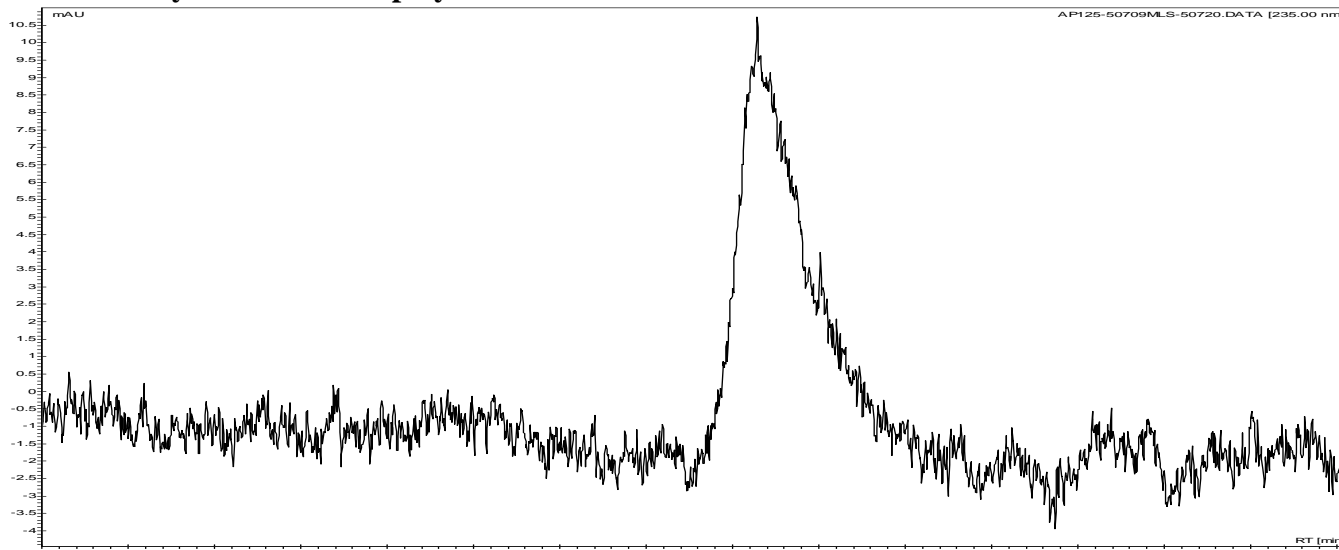
Product Name: Poly(lactic-co-glycolic acid) ester endcapped (75:25 LA:GA, M_n : 75,000 - 85,000 Da) (Lot#: 50709MLS)



H-NMR Spectrum of PLGA copolymers in $CDCl_3$ (Varian Inova 500 MHz instrument), NMR of PLGA copolymers: LA/GA = 71%/29% molar ratio (26%/74% w/w)

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 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	76,475	118,725	1.55

• Structure of PLGA copolymers

