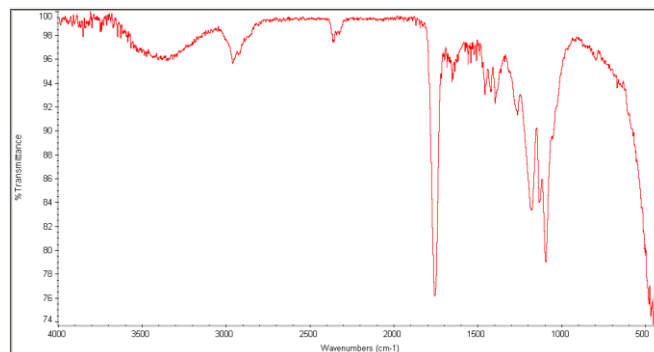
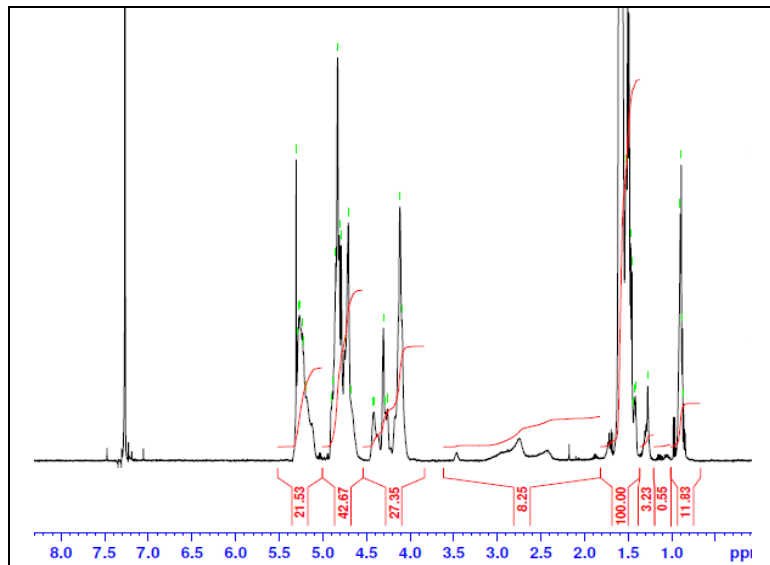


# No. AP246

# Certificate of Analysis

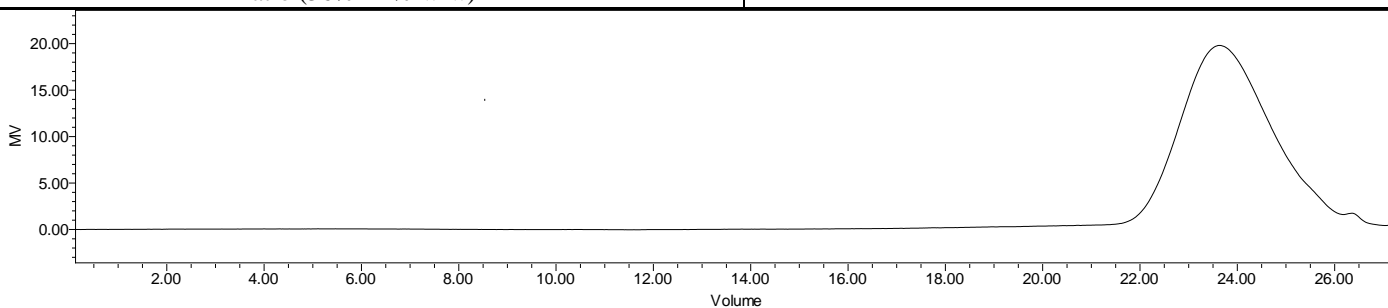


Product Name: Poly(Lactide-co-glycolide) 3-arm trimethylolpropane initiated (50:50 LA:GA, Mn 1,000 – 2,000 Da) (Lot# 180921FAJ-A)



FTIR Analysis: Collected from cast-film on KBr salt-plate placed in Nicolet Avatar 320 spectrometer and analyzed in transmission mode.

H-NMR Spectrum of copolymers in CDCl<sub>3</sub> (Varian Inova 500 MHz instrument) NMR of PLGA copolymer: LA-GA = 50%-50% molar ratio (56%-44% w-w)



GPC Analysis Method: Waters Breeze 2 system with 1 ml/min THF flow across three GPC columns. Detection via refractive index, calibrated against polystyrene standards.

Polymer	M <sub>n</sub> (from GPC)	M <sub>w</sub> (from GPC)	PDI
PLGA*	1546	1976	1.28

\* - compared against linear standards

## Structure of PLGA-3ARM-TMP copolymers

