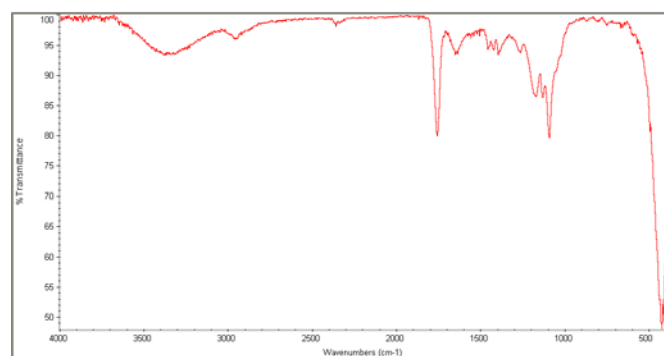
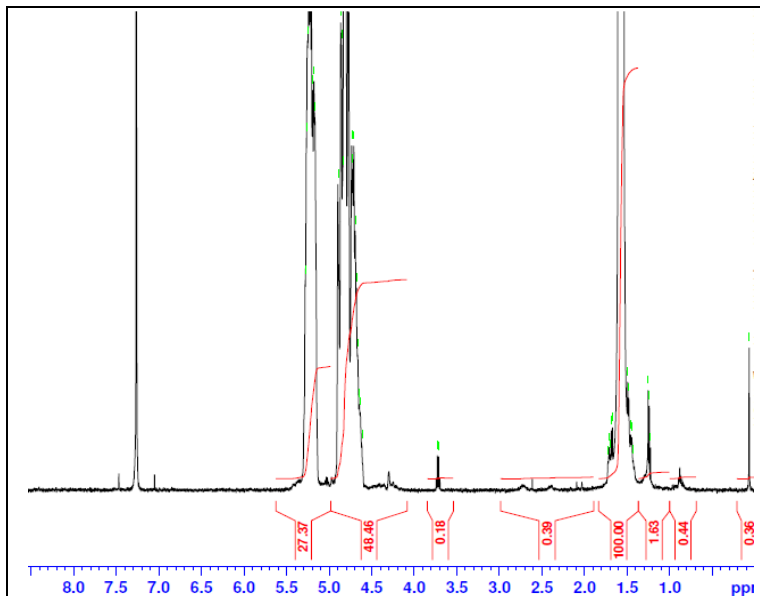


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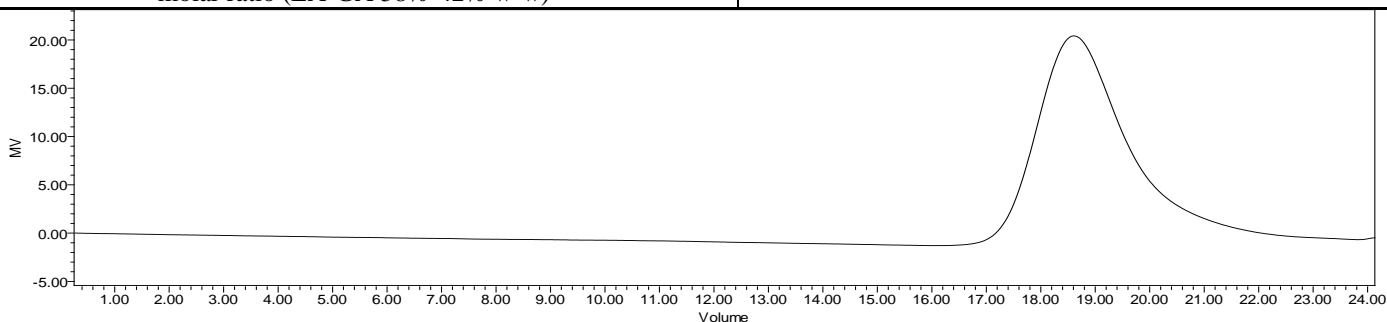
Certificate of Analysis

Product Name: Poly (lactide-co-glycolide) 5-Arm, Adonitol initiated
(Mn: 40,000 – 60,000 Da) (Lot# 190710RAI-A)



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

H-NMR Spectrum of copolymers in CDCl₃ (Bruker 500 MHz, PINMRF) NMR of PLGA-5ARM copolymer: LA-GA = 53%-47% molar ratio (LA-GA 58%-42% 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 _n (from GPC)	M _w (from GPC)	PDI
PLGA-5-arm*	45,324	59,310	1.31

* - Molecular weight properties determined against linear standards

• Structure of PLGA-adonitol

