

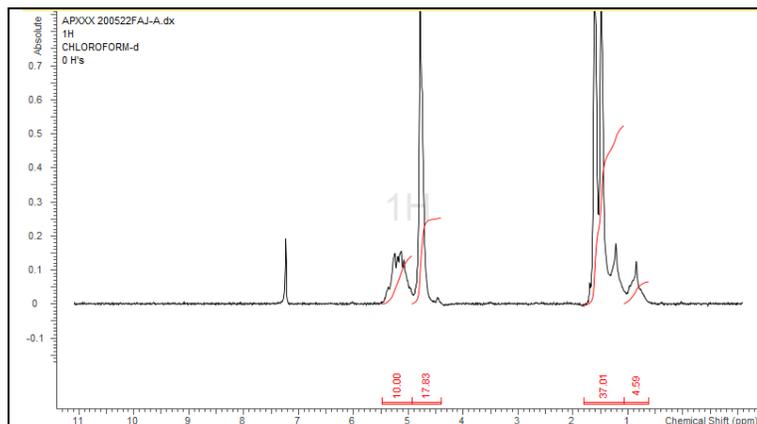
No. AP264

Certificate of Analysis

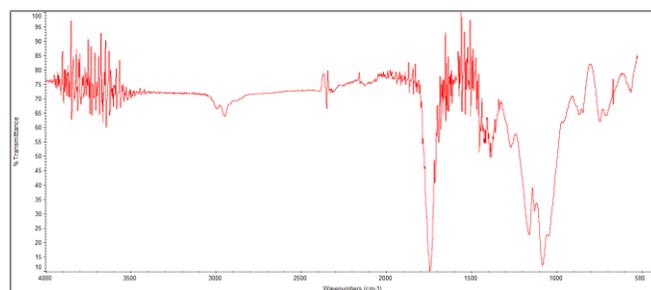


Product Name: Poly(lactic-co-glycolic acid) ester endcapped (50:50 LA:GA),

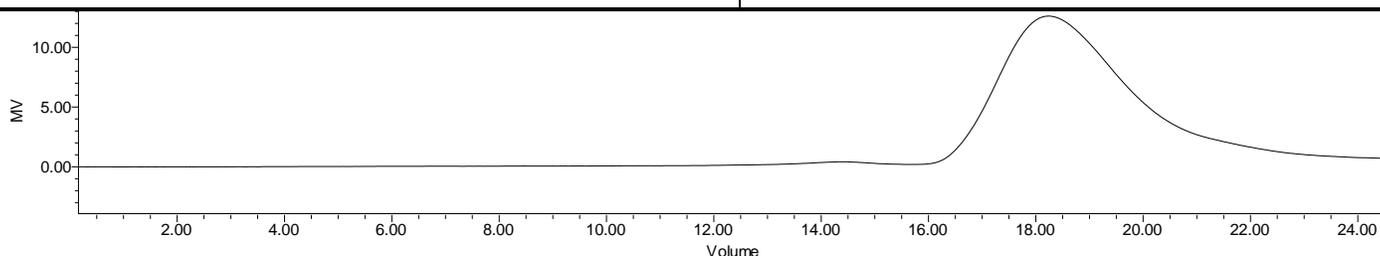
M_n : 65,000 – 75,000 Da (Lot #: 200522FAJ-A)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA copolymer: LA-GA = 53%-47% molar ratio (LA-GA 58%-42% w-w)



FTIR Analysis: Collected from cast-film on KBr salt-plate placed in a Nicolet Avatar 380 spectrometer with ATR Smart Orbit and analyzed in transmission mode.



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	66,806	87,513	1.31

• Structure of PLGA copolymers

