

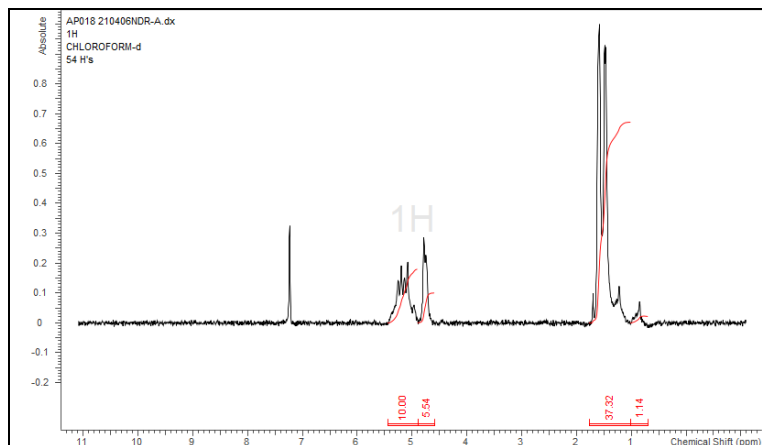
No. AP018

Certificate of Analysis

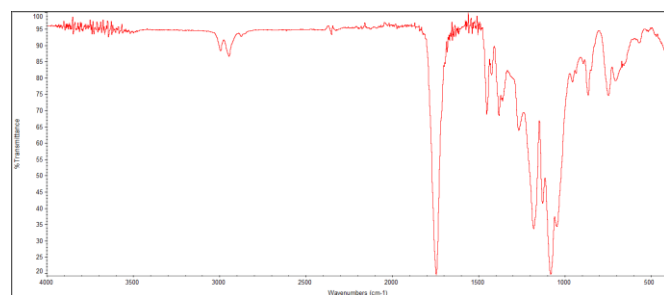


Product Name: Poly(lactide-co-glycolide) acid endcapped (75:25 LA:GA)

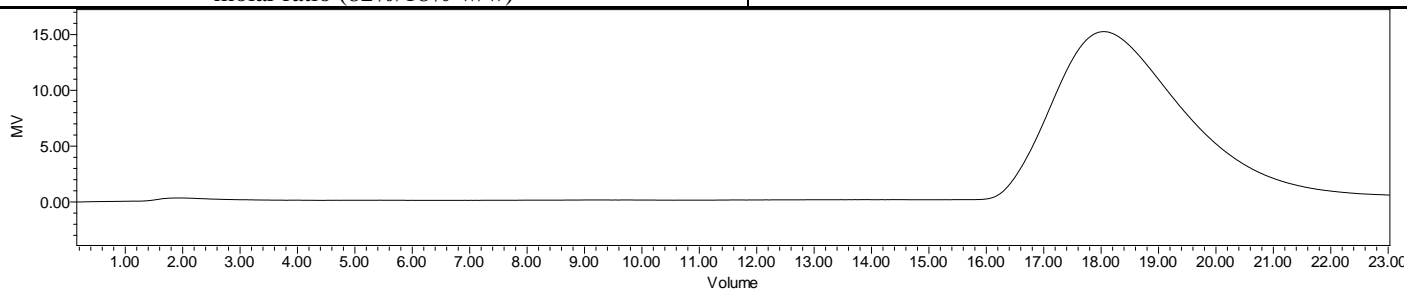
(M_n: 45,000-55,000 Da) (Lot#: 210406NDR-A)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA Copolymer: LA/GA = 78%/22% molar ratio (82%/18% w/w)



FTIR Analysis: Collected from Nicolet Avatar 380 spectrometer with ATR Smart Orbit and analyzed in transmission mode.



GPC-ES 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	54,504	90,408	1.66

• Structure of PLGA copolymers

