

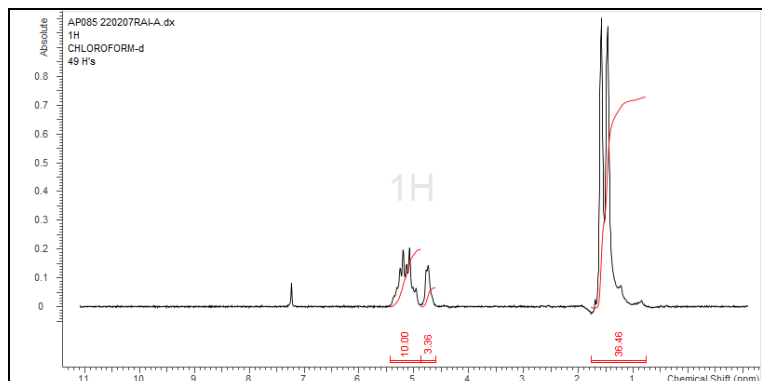
No. AP283

Certificate of Analysis

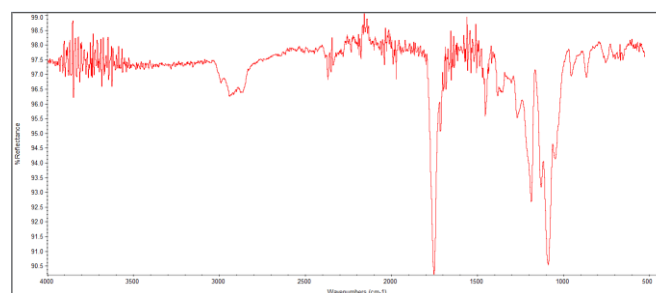


Product Name: Poly(lactic-co-glycolic acid) ester endcap (85:15 LA:GA),

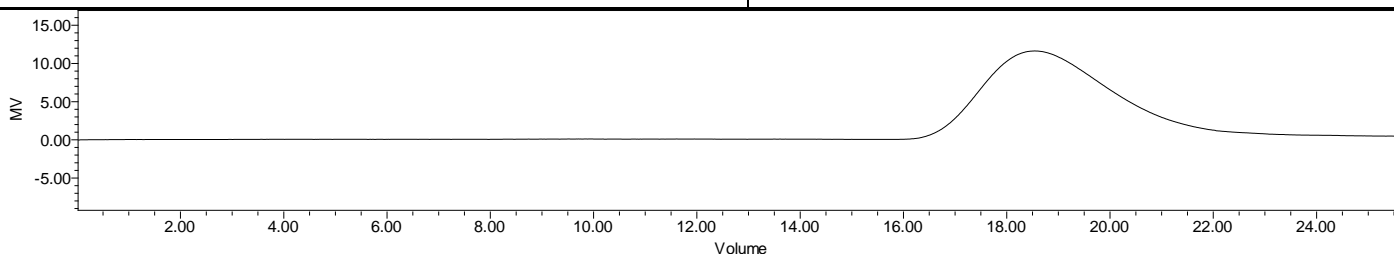
M_n : 35,000-45,000 Da) (Lot#: 220207RAI-A)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA Copolymer: 86%-14% molar ratio (88%-12% 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	42,488	70,227	1.65

• Structure of PLGA copolymers

