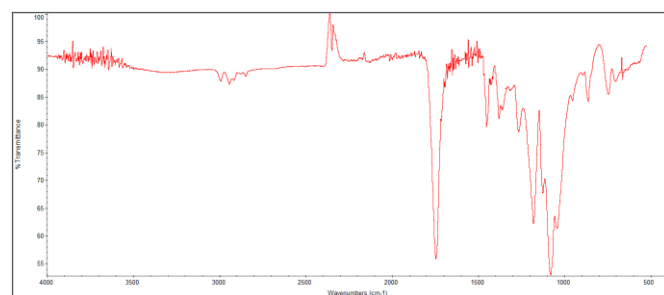
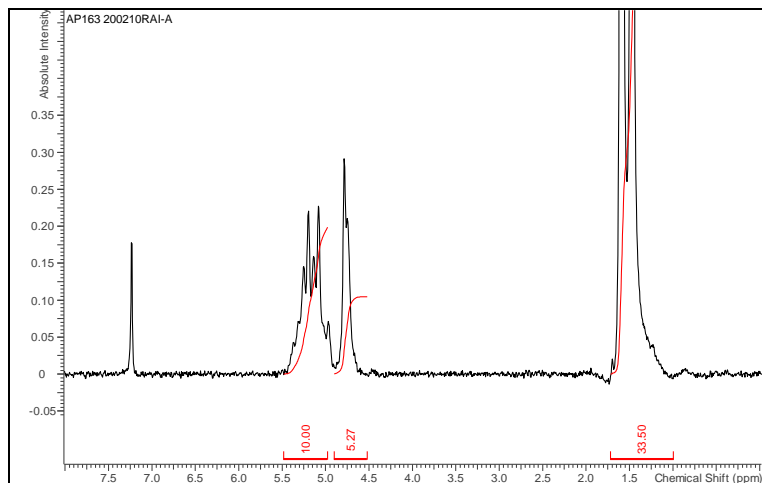


No. AP163

Certificate of Analysis

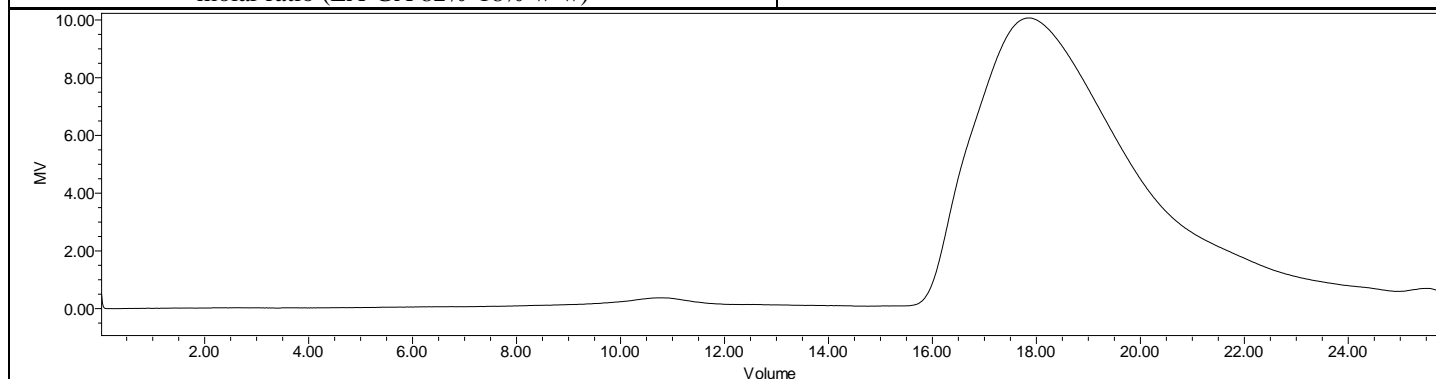


Product Name: Poly(lactide-co-glycolide) ester endcap (75:25 LA:GA,
Mn: 55,000-65,000Da) (Lot#: 200210RAI-A)



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.

H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA copolymer: LA-GA = 79%-21% molar ratio (LA-GA 82%-18% 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	58,611	113,212	1.93

• Structure of PLGA copolymers

