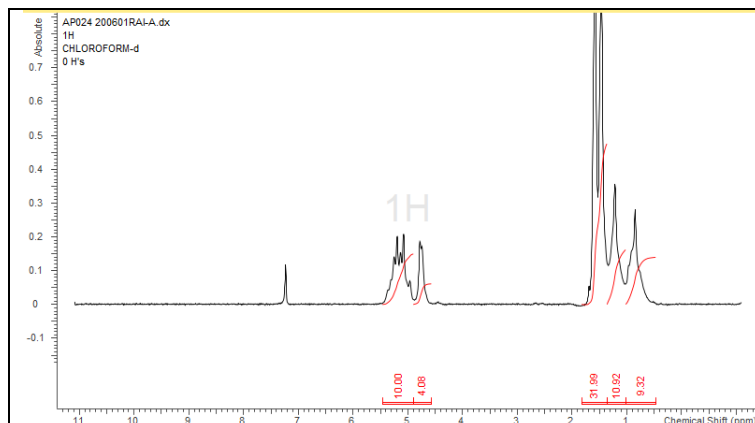


# No. AP024

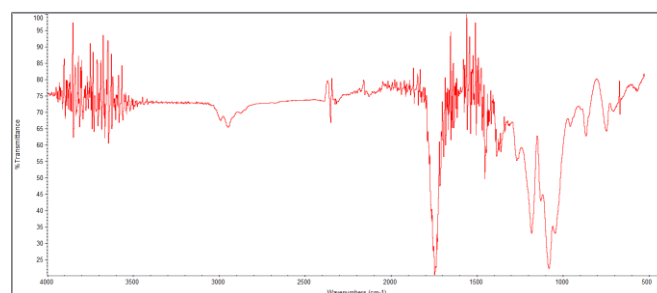
# Certificate of Analysis



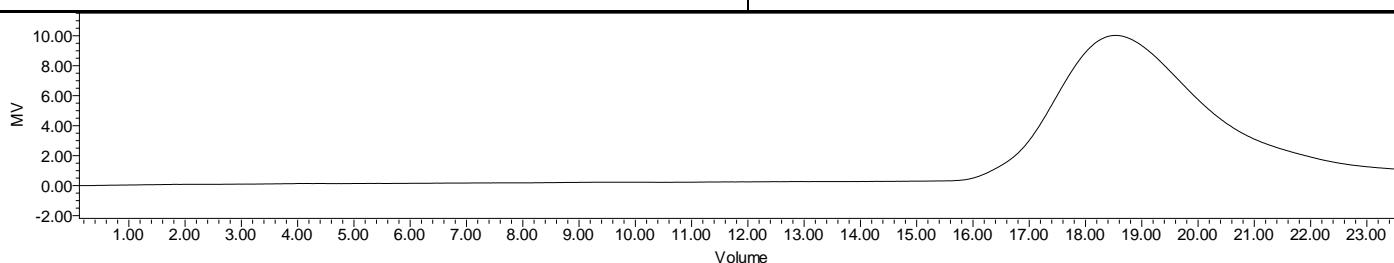
Product Name: Poly(Lactide-co-glycolide) ester endcap (LA:GA 85:15,  
Mn 35,000-45,000 Da) (Lot#: 200601RAI-A)



H-NMR Spectrum of copolymers in CDCl<sub>3</sub> (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA copolymer: LA-GA = 83%-17% molar ratio (LA-GA 86%-14% 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 <sub>n</sub> (from GPC)	M <sub>w</sub> (from GPC)	PDI
PLGA	42,568	71,507	1.68

## • Structure of PLGA copolymers

