

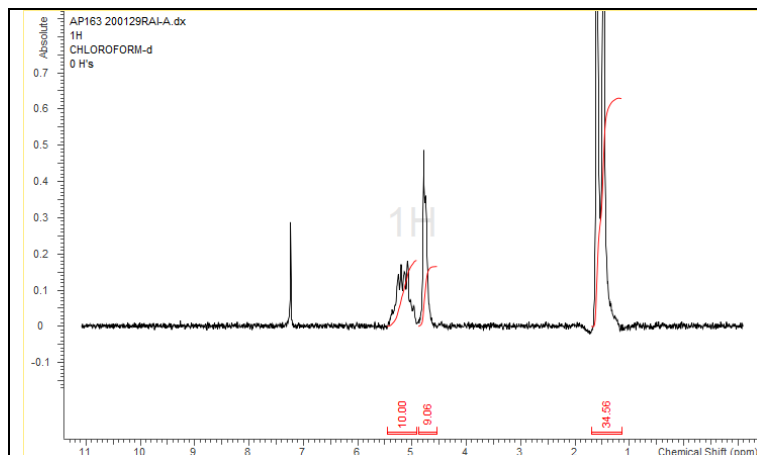
No. AP261

Certificate of Analysis

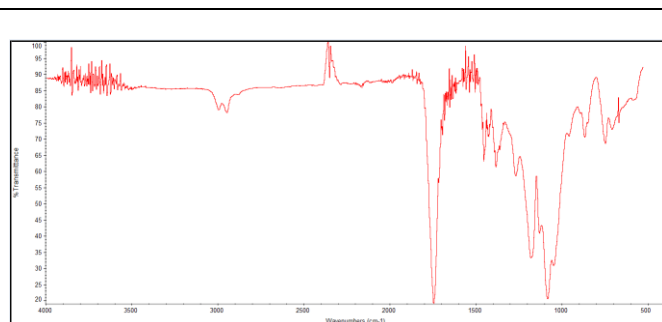


Product Name: Poly(lactide-co-glycolide) ester endcap (70:30 LA:GA),

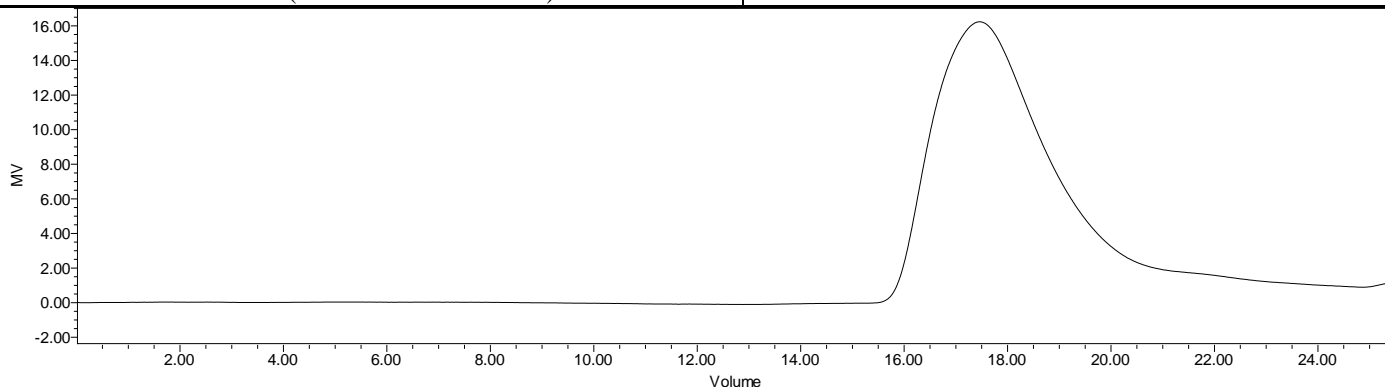
Mn: 85,000-100,000Da (Lot#: 200129RAI-A)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA copolymer: LA-GA = 69%-31% molar ratio (LA-GA 73%-27% 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	95,022	151,676	1.60

- Structure of PLGA copolymers**

