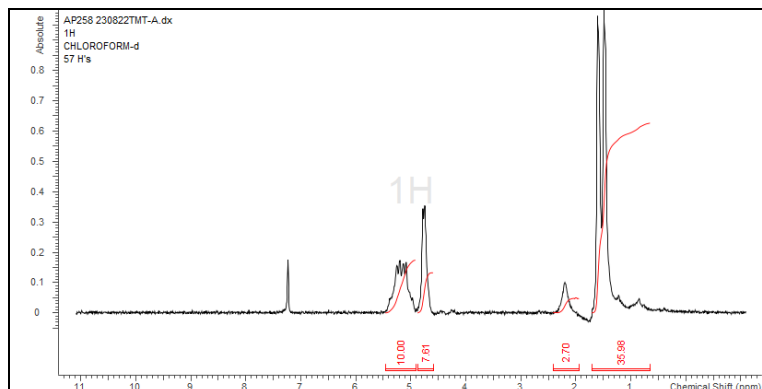


No. AP258

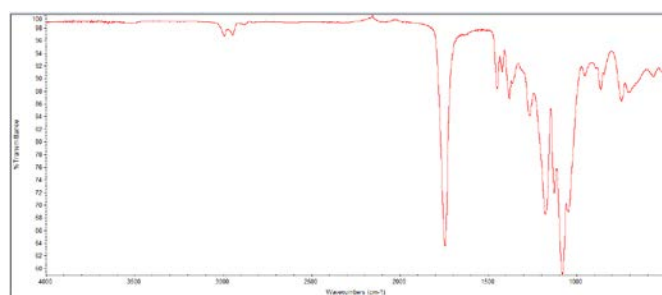
Certificate of Analysis



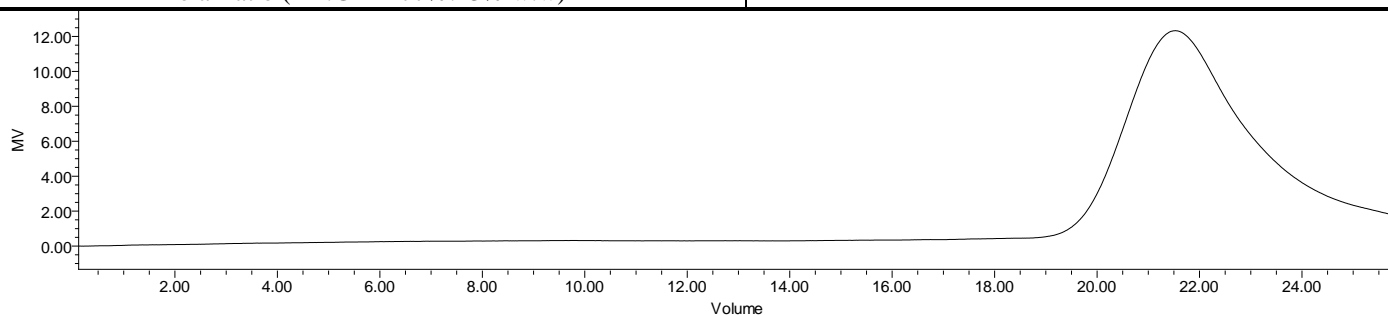
Product Name: Poly(lactide-co-glycolide) acid endcap (70:30 LA:GA,
M_n: 5,000 - 10,000 Da) (Lot#: 230822TMT-A)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA Copolymer: LA:GA = 72%:28% molar ratio (LA:GA = 77%:23% w:w)



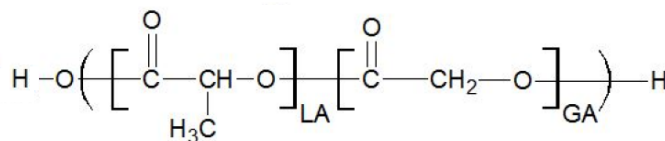
FTIR Analysis: Collected from IS5 ID7-ATR spectrometer (ThermoFisher) and analyzed in transmission mode.



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	5260	8723	1.66

• Structure of PLGA copolymers



Approved By:
Amie Tyler
Quality Manager