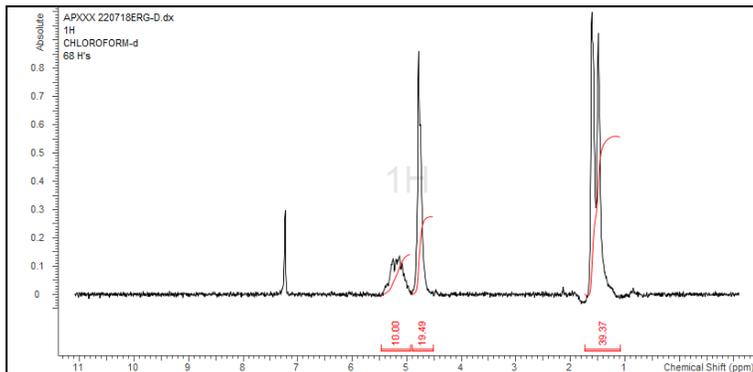


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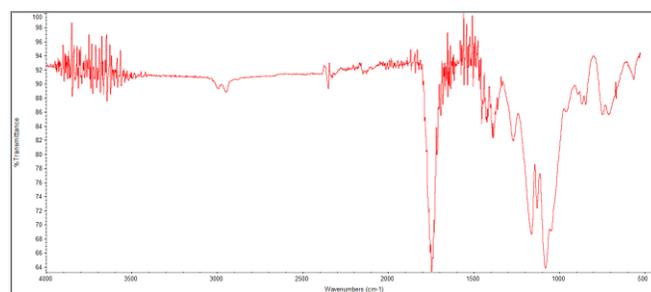
Certificate of Analysis



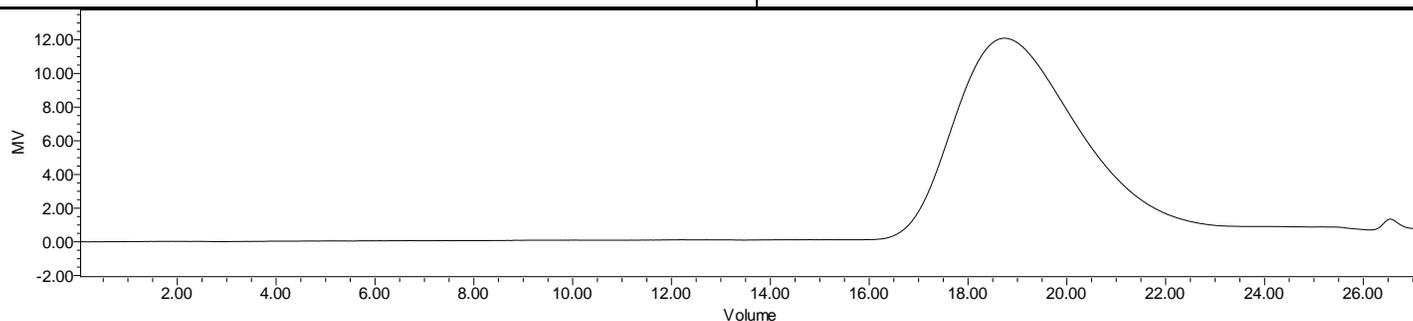
Product Name: Poly(lactide-co-glycolide) 50:50 LA:GA (Mn: 25,000-35,000Da) (Lot#: 220718ERG-D)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA Copolymer: LA:GA 51%:49% molar ratio (LA:GA 56%:44% 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 | 32,731 | 58,459 | 1.78 |

- Structure of PLGA copolymers

