

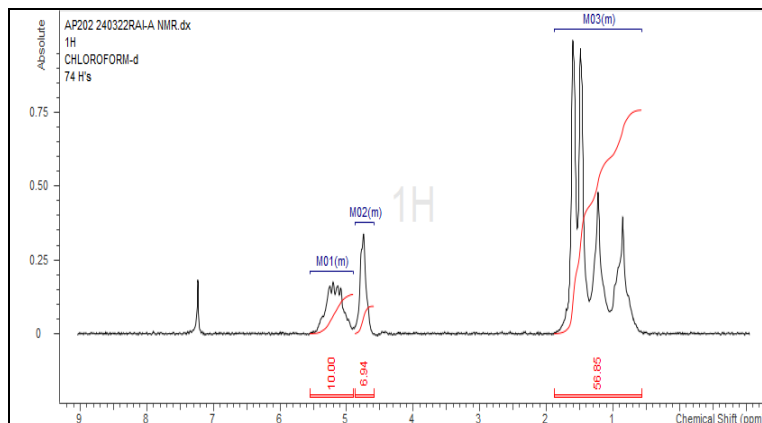
No. AP054

Certificate of Analysis

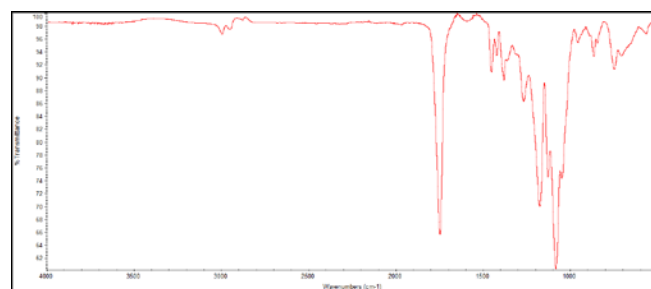


Product Name: Poly(lactic-co-glycolic) copolymers ester endcap (75:25 LA:GA)

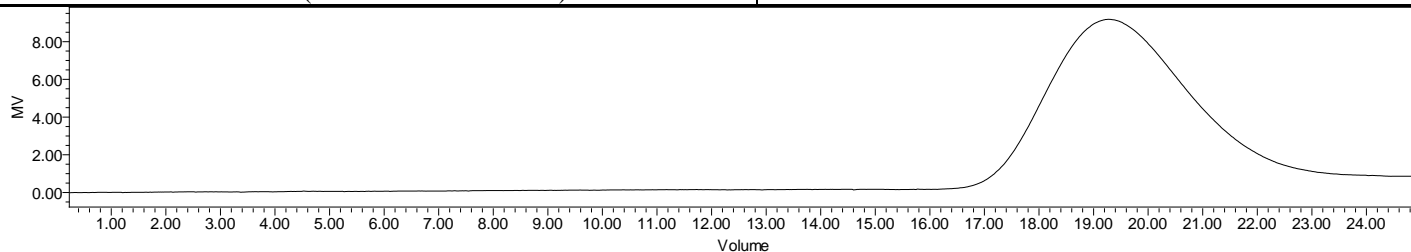
(M_n: 25,000-35,000 Da) (Lot#: 240322RAI-A)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA Copolymer: LA:GA 75%:25% molar ratio (LA:GA 79%:21% w-w)



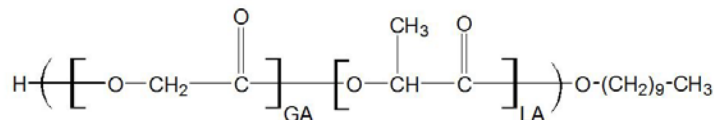
FTIR Analysis: Collected from IS5 ID7-ATR spectrometer (Thermo Scientific) and analyzed in transmission mode.



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	32,252	46,121	1.43

• Structure of PLGA copolymers



Approved By:
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Quality Manager