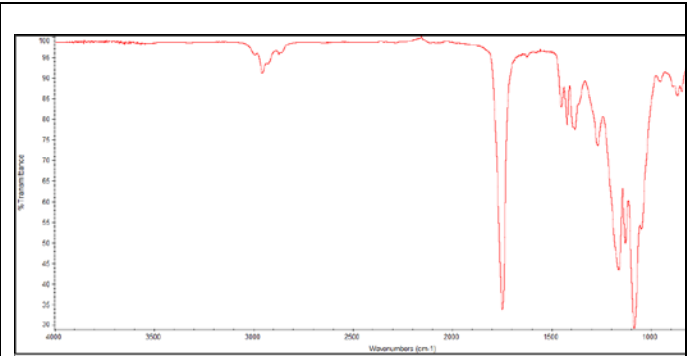
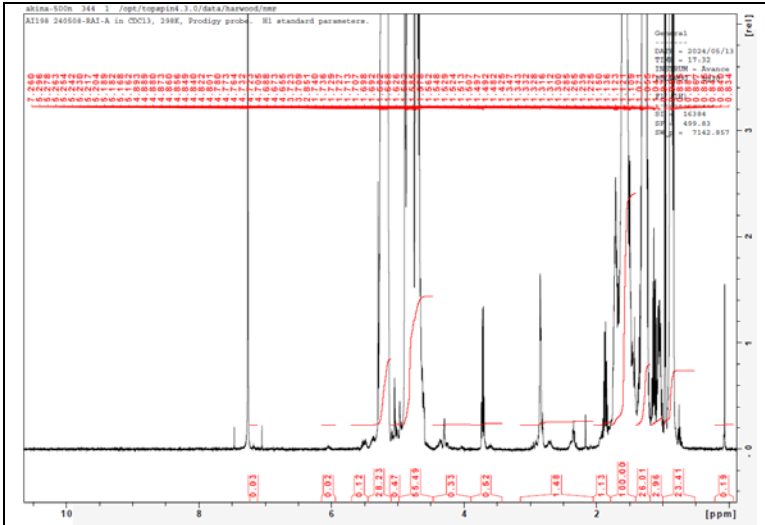


No. AI198

Certificate of Analysis

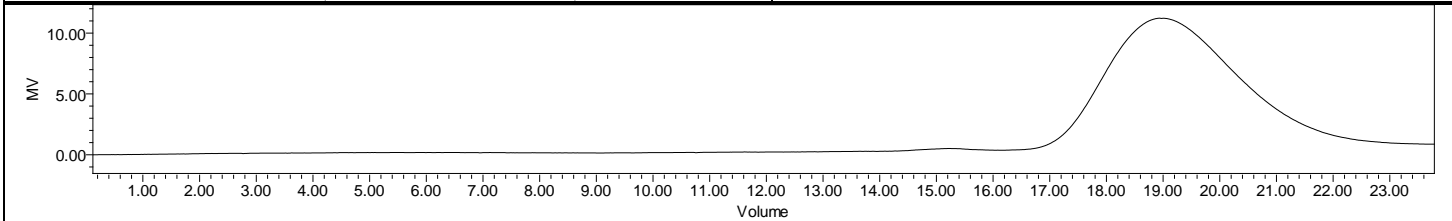


Product Name: Poly(lactide-co-glycolide)-N-Hydroxysuccinimide endcap
(50:50 LA:GA, M_n : 25,000-35,000 Da) (Lot#: 240506RAI-A)



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

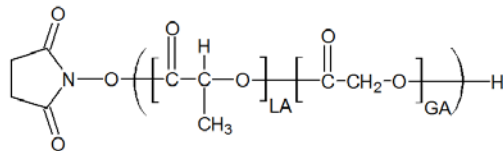
H-NMR Spectrum of copolymers in CDCl₃ (Bruker ≥ 300 MHz, PINMRF) NMR of PLGA-NHS copolymer: LA-GA = 50%-50% molar ratio (LA:GA 56%:44% w-w)



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-NHS	30,033	50,293	1.67

- Structure of PLGA-NHS copolymer



Approved By:
Amie Tyler
Quality Manager