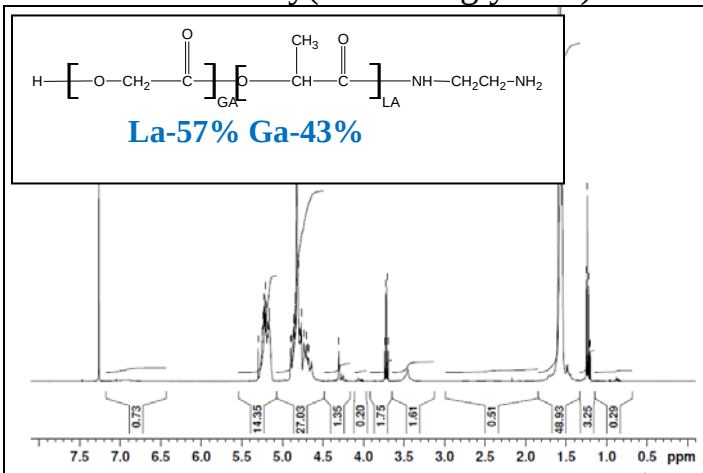
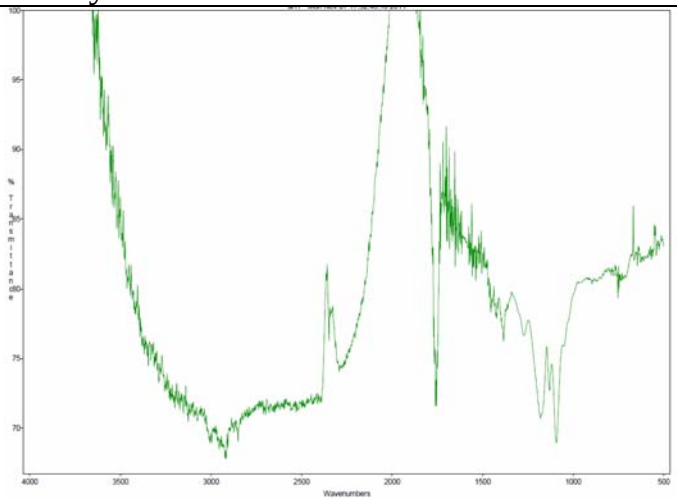
No. AI17 Certificate of Analysis

Product Name: Poly(lactic-co-glycolic)-NH2 5kDa ethylene diamine

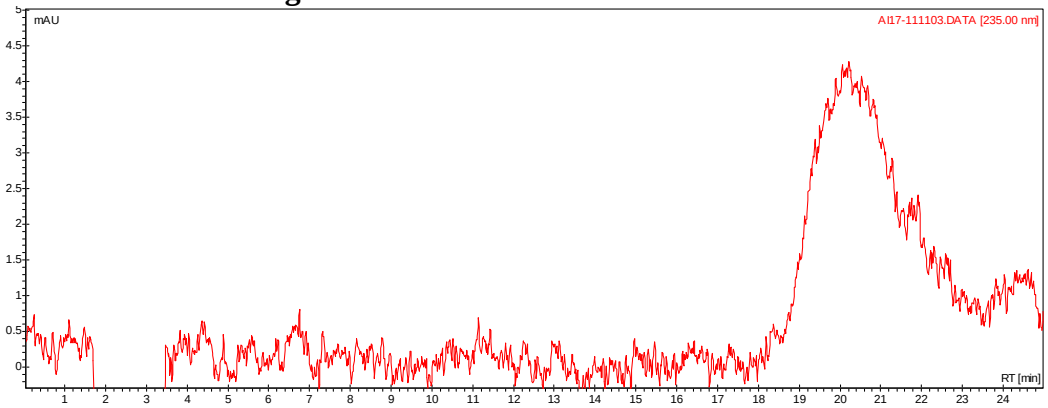


NMR of PLGA copolymers: La/Ga = 57%/43% ^{1}H-NMR Spectrum of PLGA copolymer in CDCl3 (Varian Inova 300 MHz instrument)



FTIR Analysis: Collected from cast-film on KBR salt-plate placed in Satellite FTIR (Thermo-Mattson) and analyzed in transmission mode.

- **GPC analysis for molecular weight**



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Resipore 3 um columns and one Mixed E column (Varian) and with UV-Vis (PDA) detection. Calibrated against polystyrene standards

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA-NH2 (AI17)	5226	12000	2.30

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