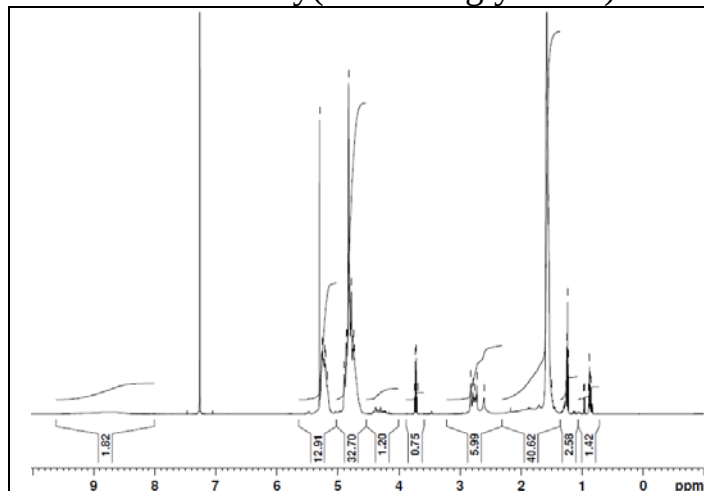


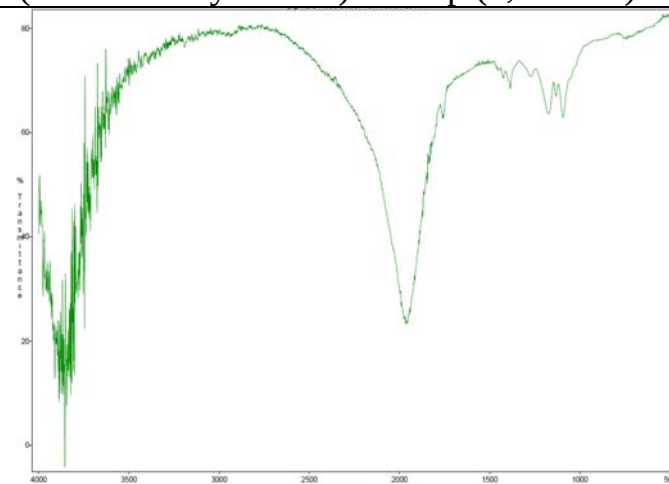
No. AI21

Certificate of Analysis

Product Name: Poly(lactic-co-glycolide) diamine (succinic dihydrazide) endcap (5,000 Da)

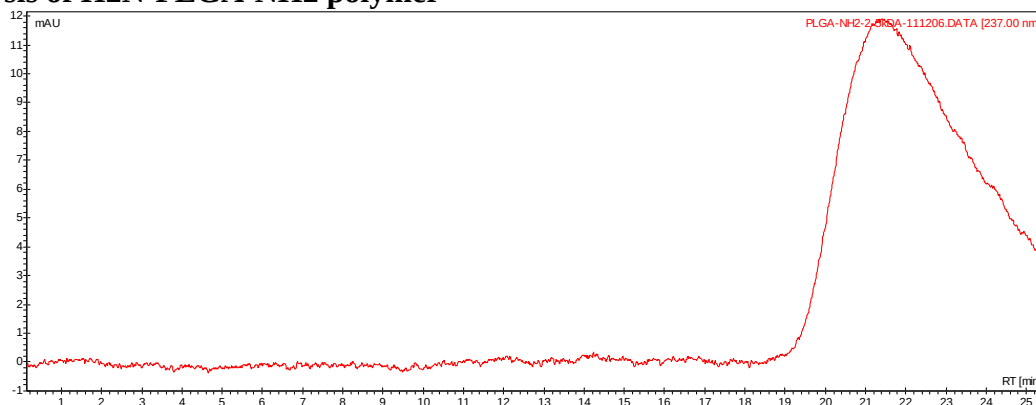


NMR of PLGA-amine
¹H-NMR Spectrum collected in CDCl₃ (Varian Inova 300 MHz instrument)



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

• GPC analysis of H2N-PLGA-NH2 polymer



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
H2N-PLGA-NH2	3792	6210	1.64

Chemical Structure:

