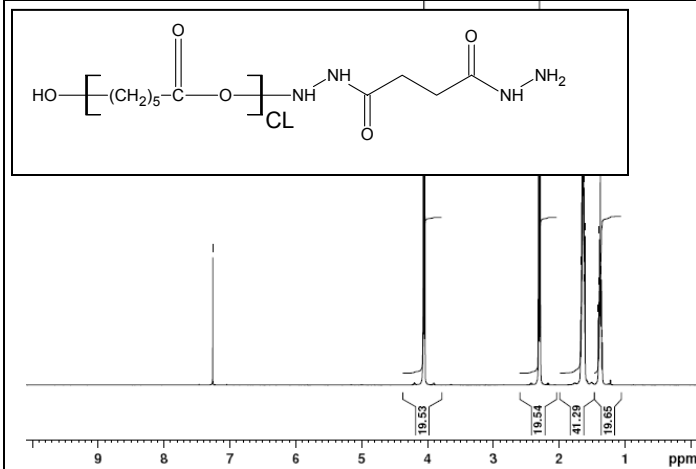


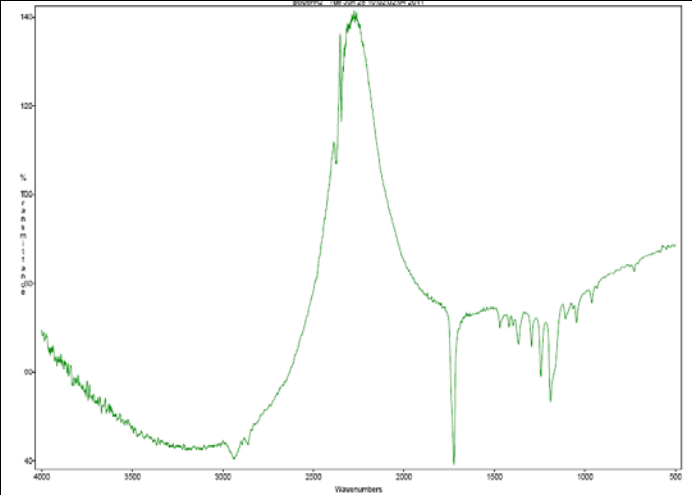
No. AI05

Certificate of Analysis

Product Name: Poly(caprolactone) amine endcap (60000 Da)

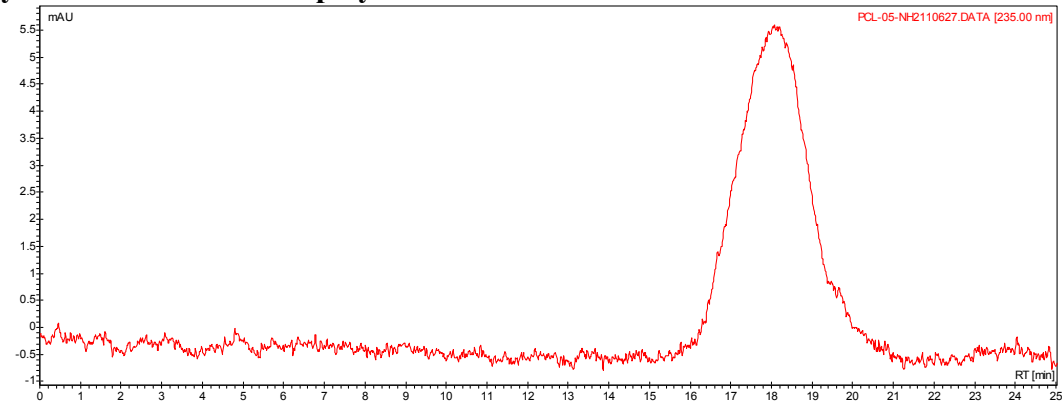


NMR of PCL-amine
¹H-NMR Spectrum collected in CDCl₃ (Varian Inova 300 MHz instrument)



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

• GPC analysis of AI05 PCL-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
(AI05) PCL-NH ₂	57442	71756	1.25