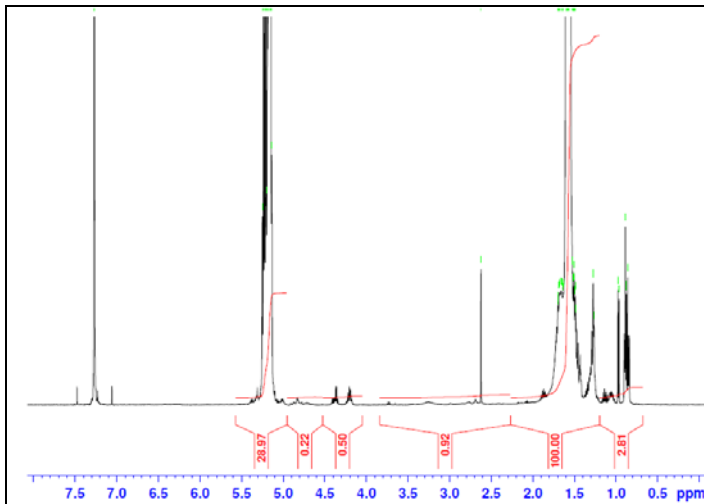


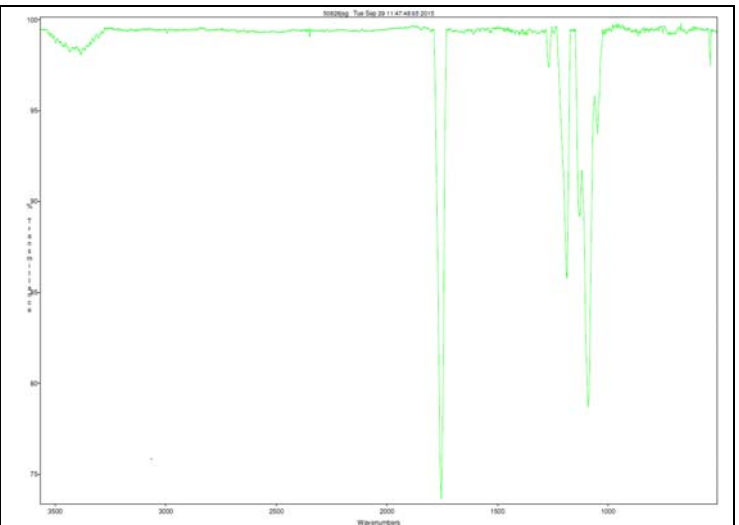
No. AI115

# Certificate of Analysis

Product Name: P(DL)Lactic Acid-Hexamine endcap (Mn 10,000-30,000 Da) (Lot# 50828JSG)

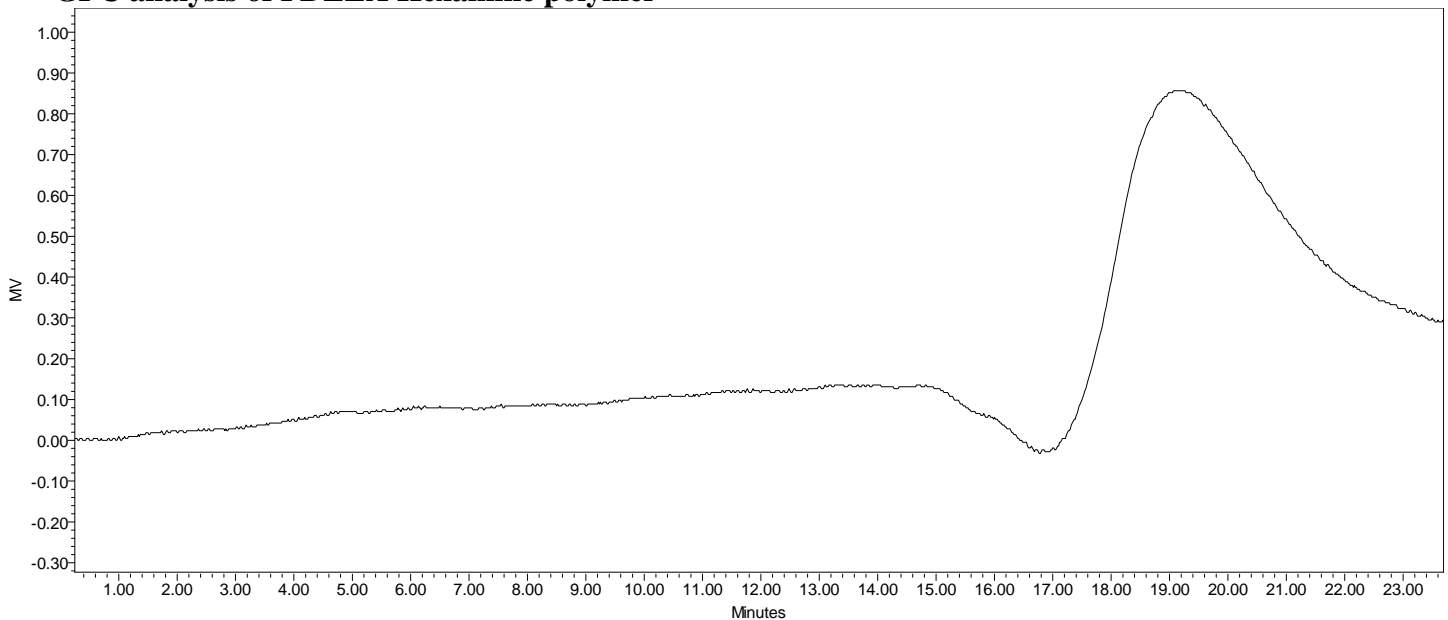


H-NMR Spectrum of PDLLA Hexamine polymer in CDCl<sub>3</sub>  
(Varian Inova 300 MHz instrument)



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

- **GPC analysis of PDLLA Hexamine polymer**



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two PLgel mixed-D columns and one Mixed-E column (Agilent). Detection via UV/Vis, calibrated against polystyrene standards

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PDLLA Hexamine	22,492	38,716	1.72

- **Structure of PDLLA Hexamine polymer**

