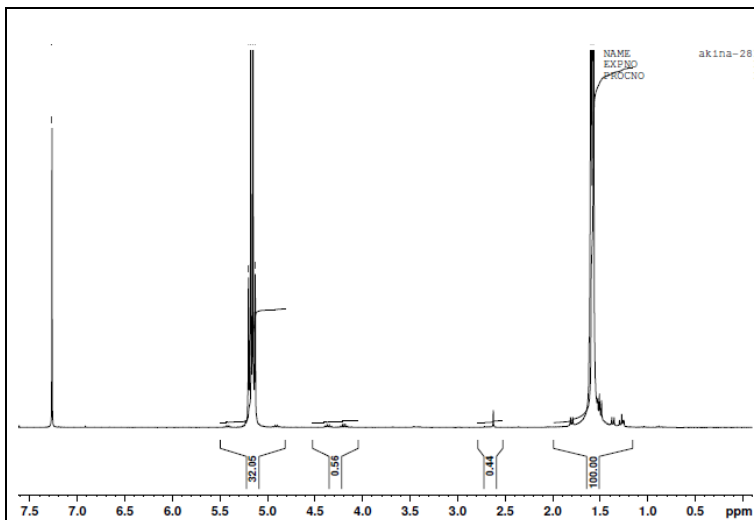


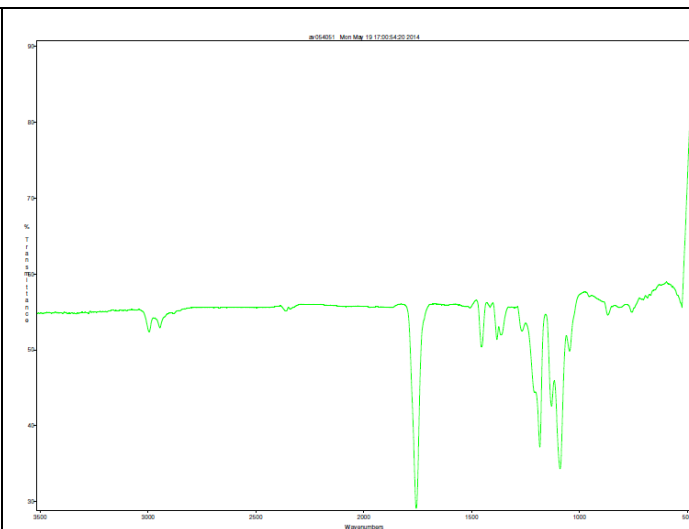
No. AV05

Certificate of Analysis

Product Name: Poly(L-lactic) acid-Fluorescein ($M_w \sim 40,000\text{Da}$)
(Lot# 40513SMS)

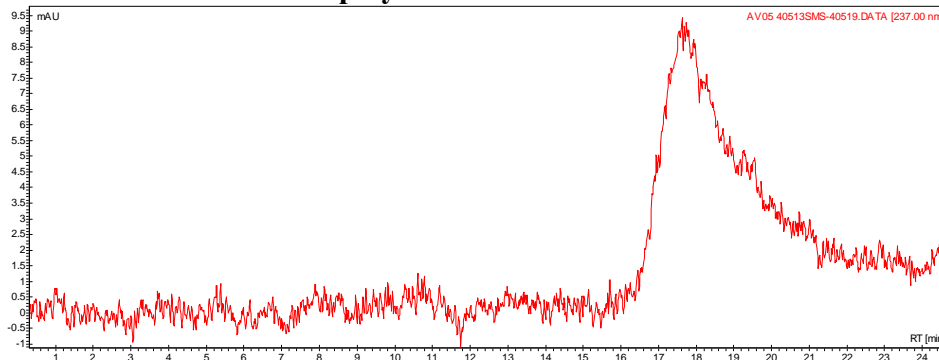


H-NMR Spectrum of polymer in CDCl_3
(Varian Inova 300 MHz instrument)



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

- **GPC analysis of PLLA-Fluorescein polymers**



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Phenogel $5\mu\text{m}$ columns and one Resipore column (Varian) and with UV-Vis (PDA) detection. Calibrated against polystyrene standards

Polymer	M_n (from GPC)	M_w (from GPC)	PDI
PLLA-FITC	27,006	48,264	1.79

- **Chemical Structure**

