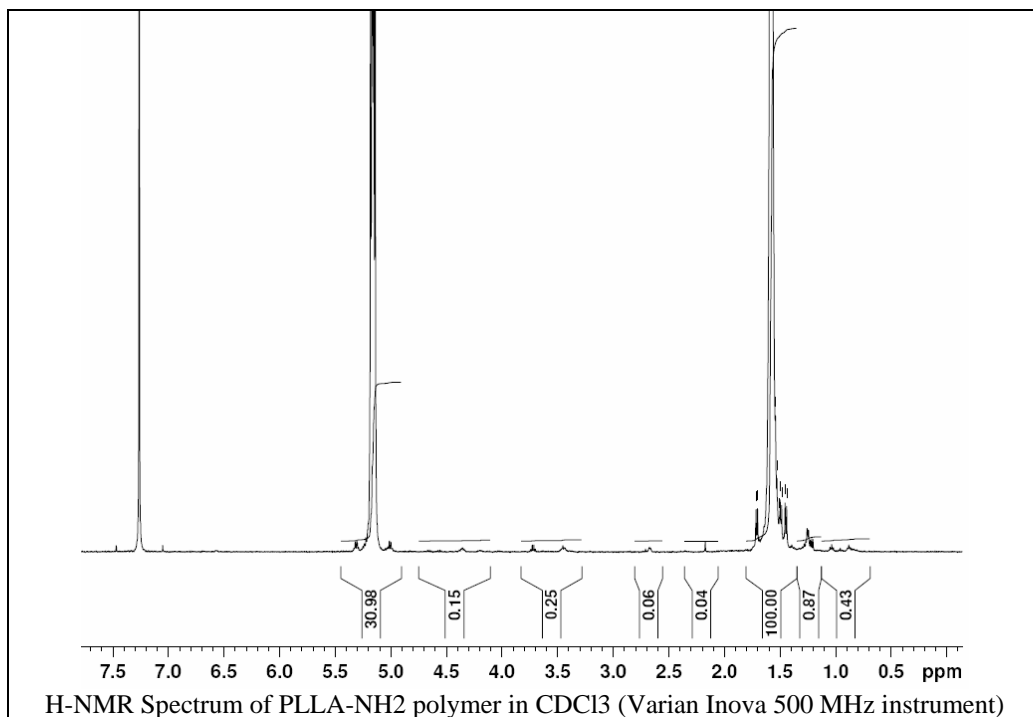


No. AI39

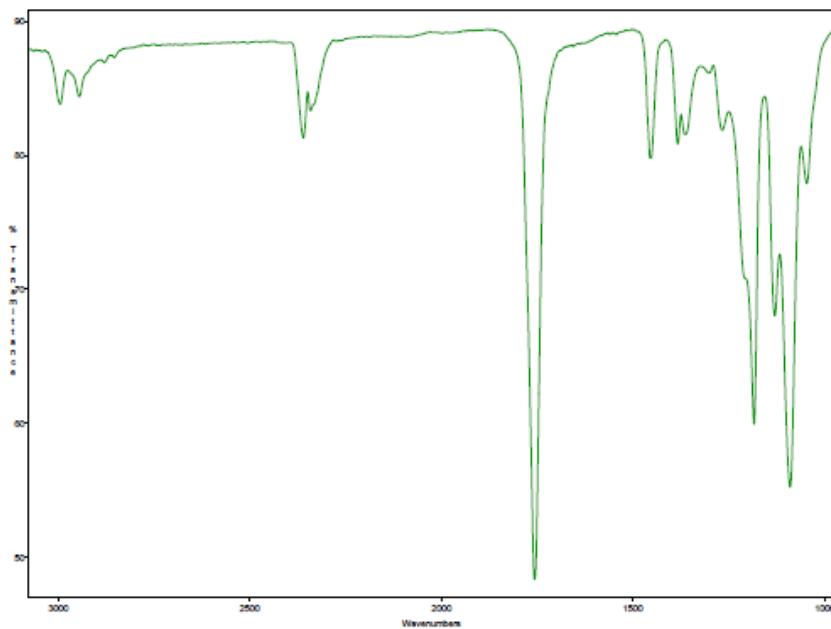
Certificate of Analysis

Product Name: Poly(L-lactic) acid-amine endcap (MW ~ 100,000 Da) (Lot#: 30513JSG-A)

- H-NMR analysis of PLLA-NH₂ polymer

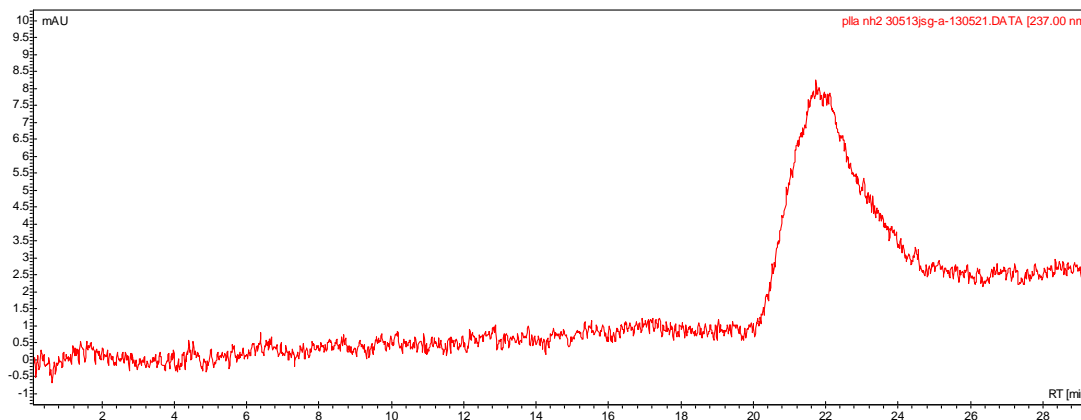


- FTIR analysis of PLLA-NH₂ polymer



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

- **GPC analysis of PLLA-NH2 polymer**



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across three Phenogel 5u columns and one PLgel Resipore (Agilent). Detection via UV/Vis, calibrated against polystyrene standards

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLLA-NH2	93370	144163	1.54

- **Structure of PLLA-NH2 polymer**

