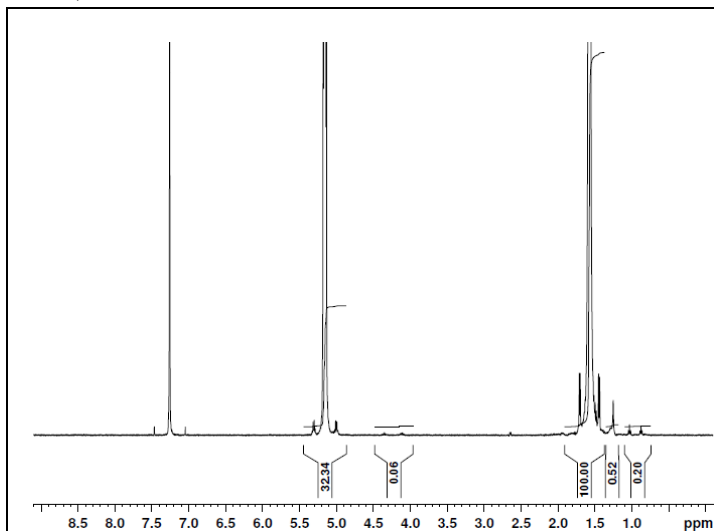


No. AP07 Certificate of Analysis

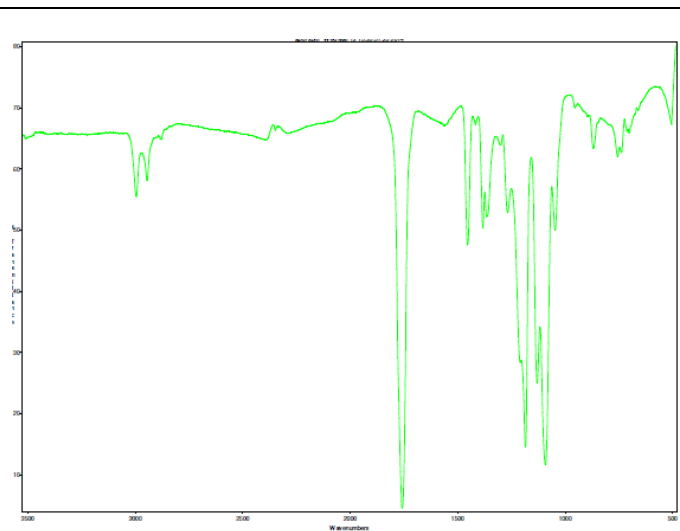
Product Name: Poly(L-lactic) acid polymer acid endcapped (M_n 125,00-150,000 Da)
(Lot#: 1310003)

H-NMR



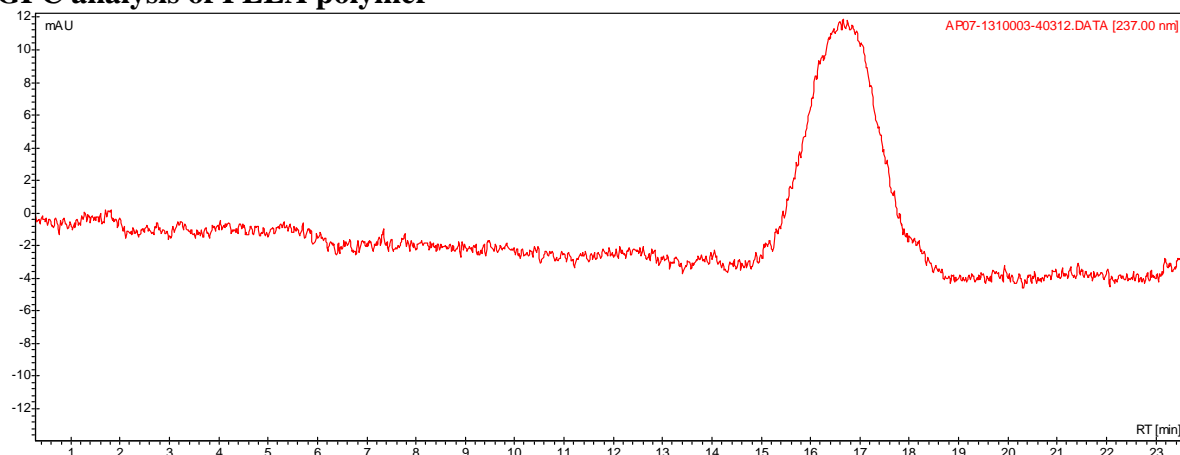
H-NMR Spectrum of PLLA copolymer in $CDCl_3$
(Varian Inova 500 MHz instrument)

FTIR



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 polymer**



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

Polymer	M_n (from GPC)	M_w (from GPC)	PDI
PLLA	125,354	212,453	1.69

- **Structure of PLLA polymer**

