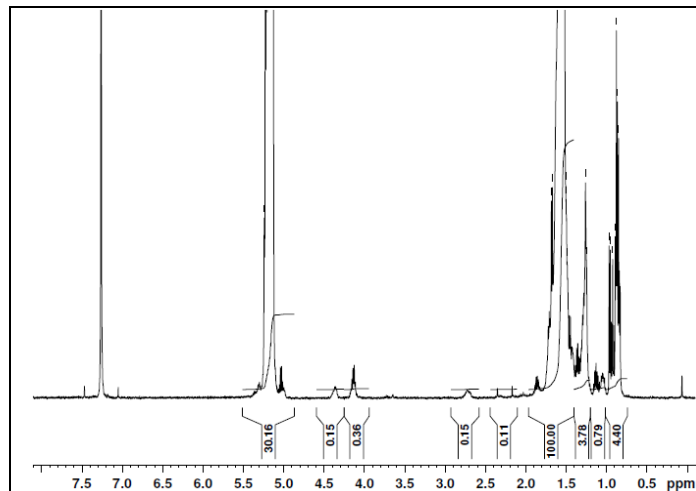


No. AP95 Certificate of Analysis

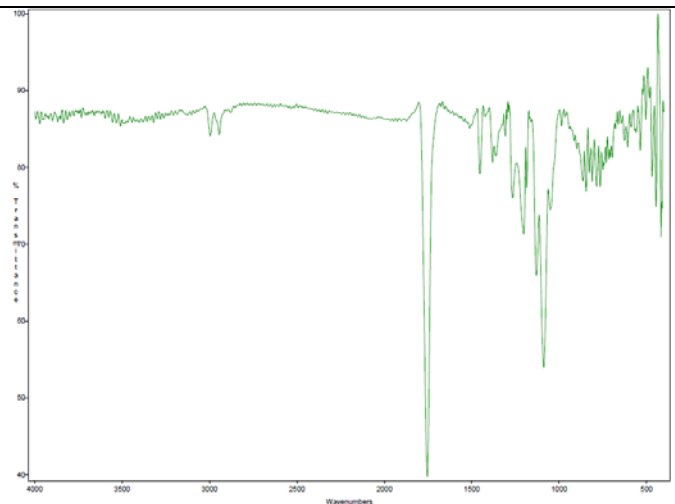
Product Name: Poly(D,L-lactic acid)-butanol (Mn: 10,000-15,000 Da) (Lot#: 30730JSG)REV:A

H-NMR



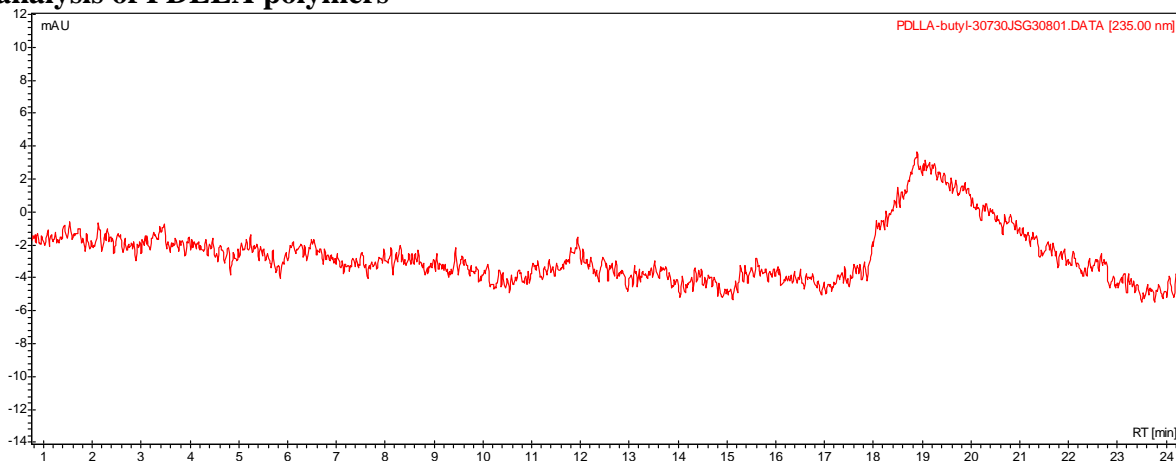
H-NMR Spectrum of PDLLA polymers in CDCl₃ (Varian Inova 500 MHz instrument)

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 PDLLA polymers



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

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PDLLA	14619	30579	2.09

- Structure of PDLLA polymers

