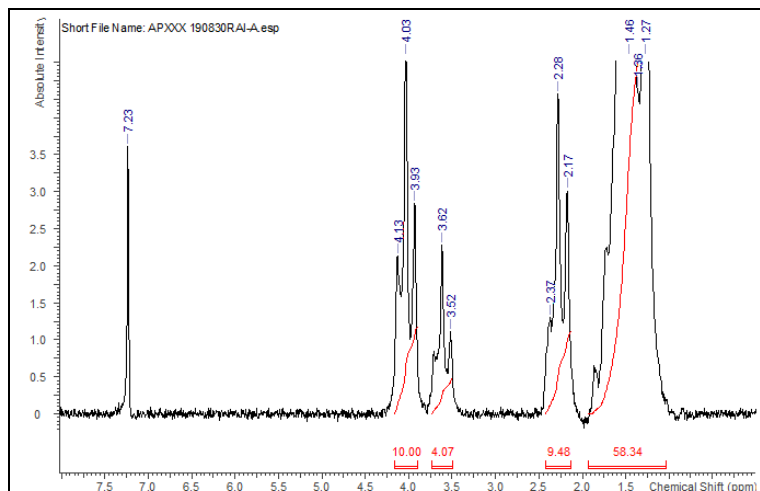


No. AP251

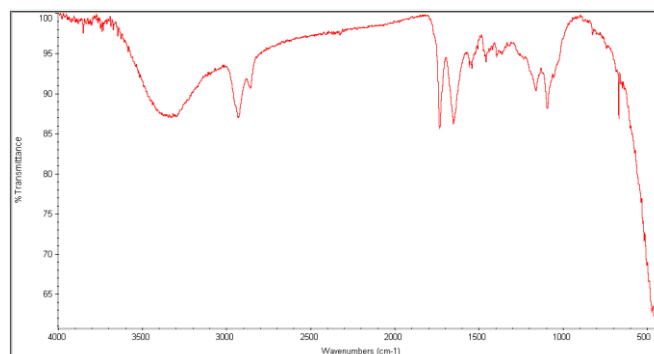
Certificate of Analysis



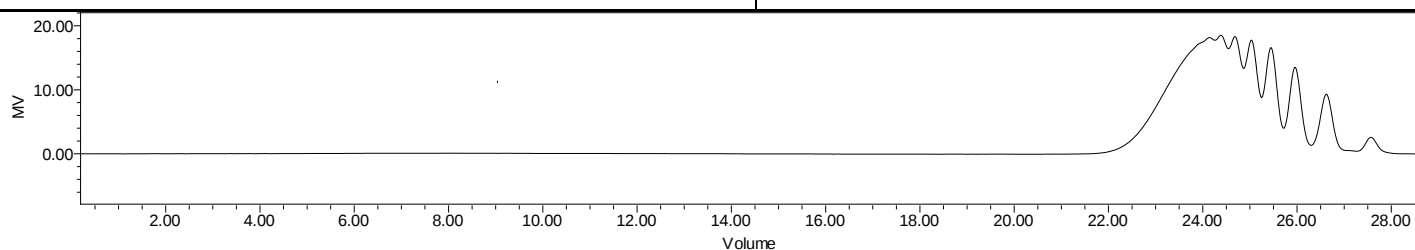
Product Name: Poly(caprolactone) dialcohol endcap (1,10 decadiol initiated) (Mn: ~ 1000-5000 Da) (Lot# 190830RAI-A)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PCL copolymer



FTIR Analysis: Collected from cast-film on KBr salt-plate placed in a Nicolet Avatar 320 spectrometer and analyzed in transmission mode.



GPC Analysis Method: Waters Breeze 2 system with 1 ml/min THF flow across three GPC columns. Detection via refractive index, calibrated against polystyrene standards.

Polymer	M _n (from GPC)	M _w (from GPC)	PDI
PCL-Dialcohol	1180	1485	1.26

• Structure of PCL-Dialcohol

