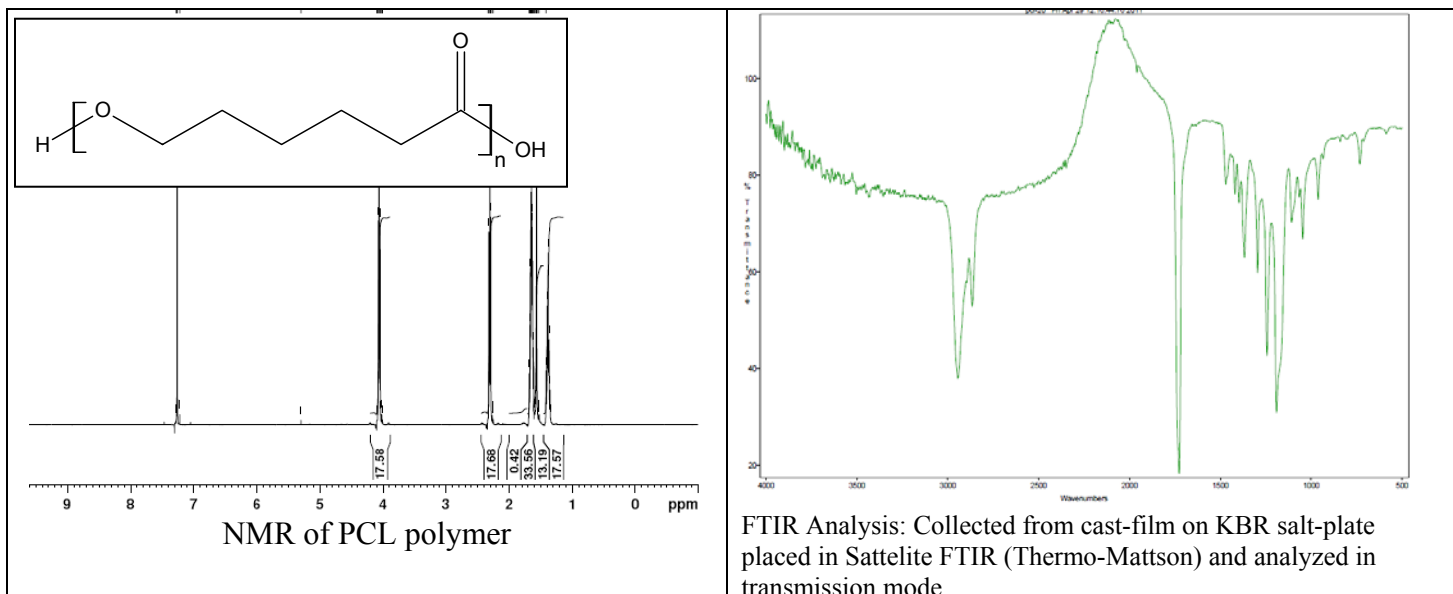


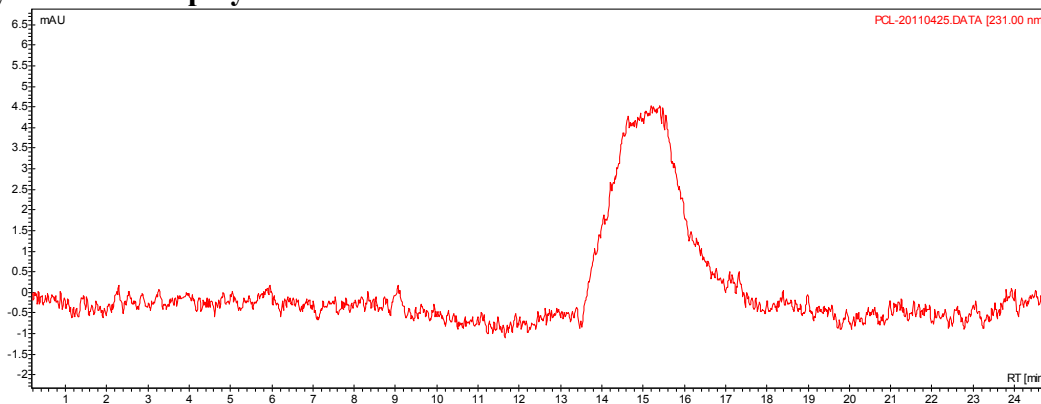
# No. PCL-600K Certificate of Analysis

Product Name: Poly(caprolactone) copolymers

- $^1\text{H-NMR}$  Spectrum of PCL polymer in  $\text{CDCl}_3$  (Varian Inova 300 MHz instrument)**



- GPC analysis of PCL copolymers**



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Resipore 3  $\mu\text{m}$  columns and one Mixed E column (Varian) and with UV-Vis (PDA) detection. Calibrated against polystyrene standards

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PCL-600K (PCL-20)	564313	630651	1.12

- Inherent Viscosity 2.36 dl/g (measured 25C in chloroform)**