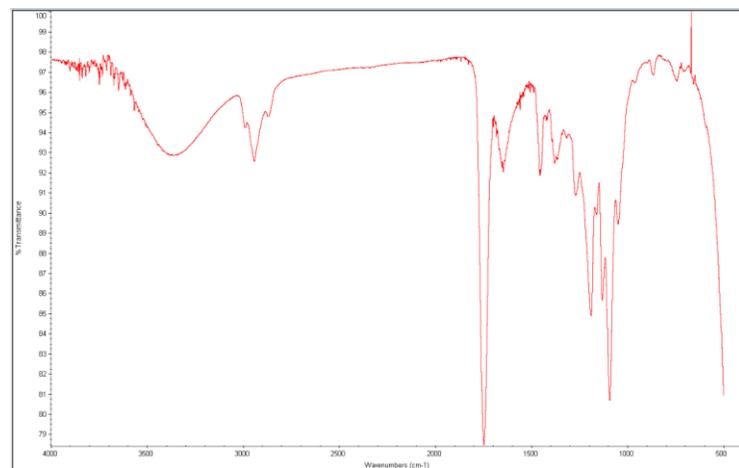
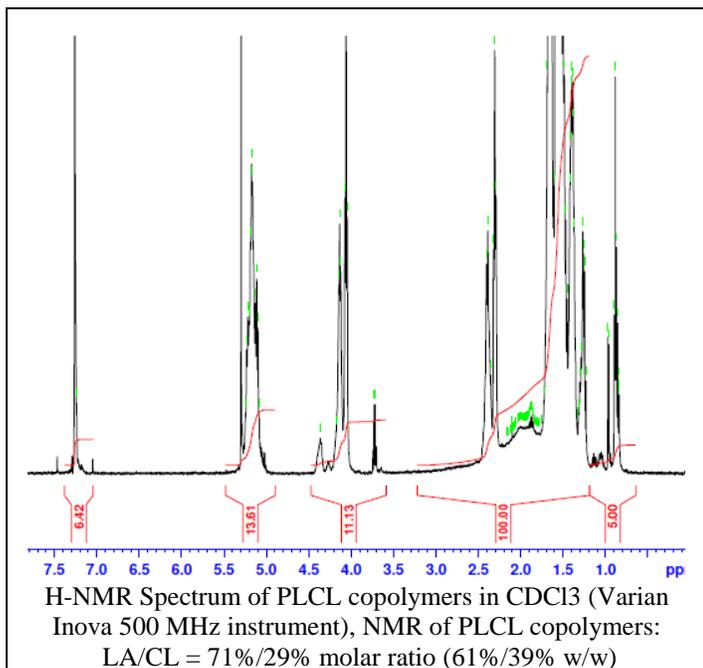


# No. AP212

# Certificate of Analysis

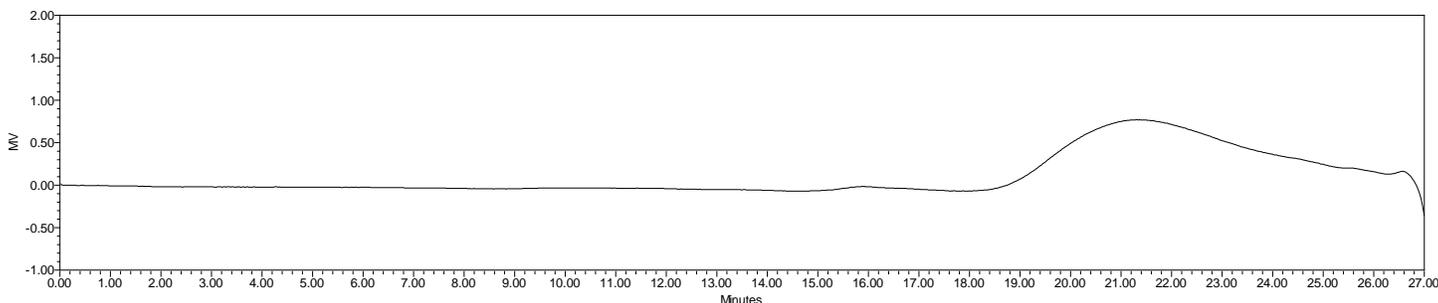


Product Name: Poly(DL-lactide-co-caprolactone) copolymers acid endcap (70:30 LA:CL,  
M<sub>n</sub>: 1,000-5,000 Da) (Lot#: 170713SMS-A)



FTIR Analysis: Collected from cast-film on salt-plate placed in Protégé 460 Spectrometer (Nicolet) and analyzed in transmission E.S.P. mode.

## • GPC analysis of PLCL copolymers



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 <sub>n</sub> (from GPC)	M <sub>w</sub> (from GPC)	PDI
P(DL)LCL	2105	3696	1.76

## • Structure of P(DL)LCL copolymers

