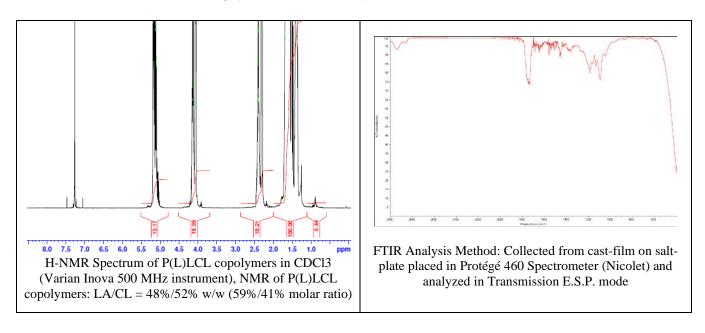
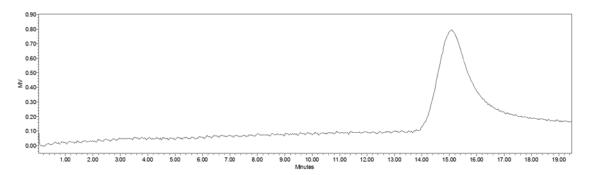
## No. AP124

## Certificate of Analysis

Product Name: Poly(L-lactide-co-caprolactone) copolymer ester end-capped (60:40 LA:CL m/m,  $M_n$ : 100,000-200,000 Da) (Lot#: 61017JSG-C)



## • GPC analysis of P(L)LCL copolymers



Analysis Method: Waters Breeze 2 system with 1 ml/min DCM flow across three GPC columns (7.8 x 300 mm, mixed porosities). Detection via refractive index, calibrated against polystyrene standards.

Polymer	M <sub>n</sub> (from GPC)	M <sub>w</sub> (from GPC)	PDI
P(L)LCL	104,429	124,272	1.19

## • Structure of P(L)LCL copolymers

$$H - \left( \begin{array}{c|c} CH_2 & CH_3 & O \\ \hline \\ C & CH_2 \\ \hline \\ \\ S & C \\ \hline \\ \\ C & CH \\ \hline \\ C & CH \\ \hline \\ C & CH_2 \\ \hline \\ \\ C & CH_3 \\ \hline \\ C & CH_2 \\ \hline \\ \\ C & CH_3 \\ \\ C & CH_3 \\ \hline \\ \\ C & CH_3 \\ \hline \\ \\ C & CH_3 \\ \hline \\ \\ C & CH_3 \\ \\ C & CH_3 \\ \hline \\ \\ C & CH_3 \\ \hline \\ \\ C & CH_3 \\ \hline \\ \\ C & CH_3 \\ \\ C & CH_3 \\ \hline \\ \\ C & CH_3 \\ \hline \\ \\ C & CH_3 \\ \hline \\ \\ C & CH_3 \\ \\ C & CH_3 \\ \hline \\ \\ C & CH_3 \\ \hline \\ \\ C & CH_3 \\ \hline \\ C$$

Material provided for research use only. Not for human use.