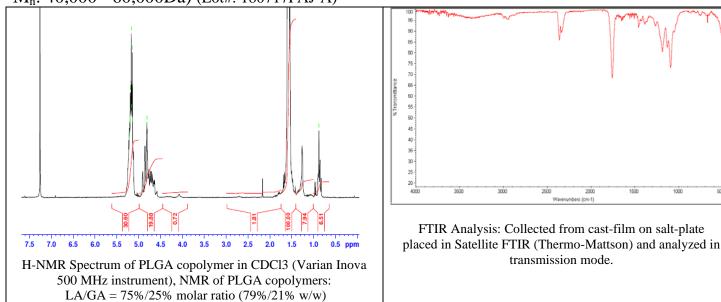
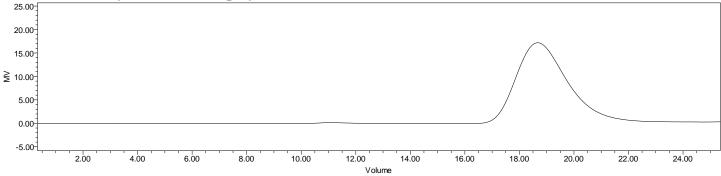
No. AP237 Certificate of Analysis

Product Name: Poly(lactide-co-glycolide)- 3-arm trimethylolpropane initiated (75:25 LA:GA,

M_n: 40,000 - 60,000Da) (Lot#: 180717FAJ-A)



GPC analysis of PLGA 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 _n (from GPC)	M _w (from GPC)	PDI
PLGA- 3 arm	47,586	59,930	1.26

• Structure of PLGA copolymers

$$R = H \text{ or } H \underbrace{\begin{pmatrix} CH_3 & O \\ CH_2 & CH_2 \end{pmatrix}}_{CH_2} CH_2$$

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