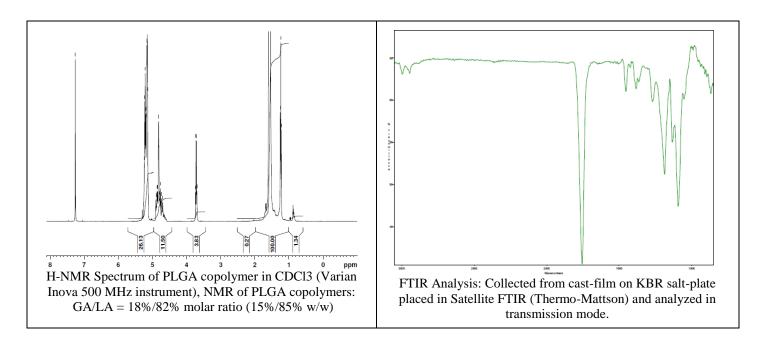
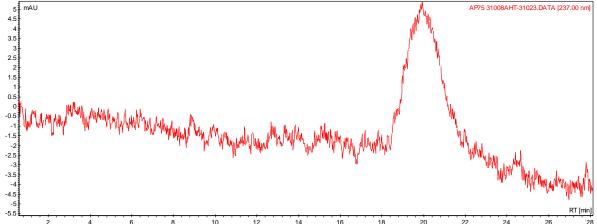
No. AP101 Certificate of Analysis



Product Name: Poly(lactic-co-glycolic acid) Ester endcap (85:15 LA:GA, Mn: 85,000-100,000Da) (Lot#: 31008AHT) REV:A



GPC analysis of PLGA copolymers



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Phenogel 5u columns and one PLgel Resipore column (Agilent). Detection via UV/Vis, calibrated against polystyrene standards

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA	85,946	110,413	1.28

• Structure of PLGA copolymers

$$H \xrightarrow{\text{CH}_3} O \\ \downarrow \\ \text{CH}_2 C \xrightarrow{\text{CH}_3} C + C \xrightarrow{\text{CH}_3} O \\ \downarrow C + C \xrightarrow{\text{CH}_3} C + C \xrightarrow{\text{CH}_3} O \\ \downarrow C + C \xrightarrow$$