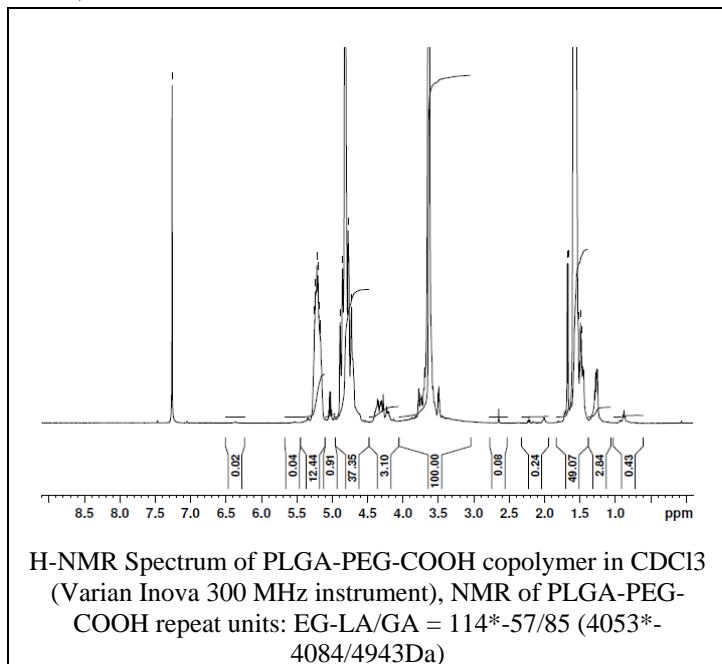


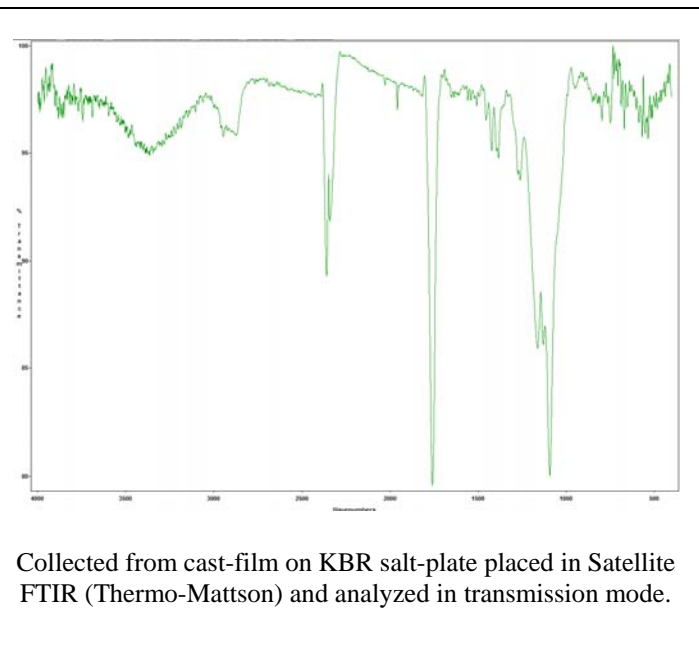
No. AI56 Certificate of Analysis

Product Name: Poly(lactide-co-glycolide)-b-Poly(ethylene glycol)-carboxylic acid endcap
 (~10,000Da-5000Da 50:50 La:Ga) (Lot#: 31125JSG)

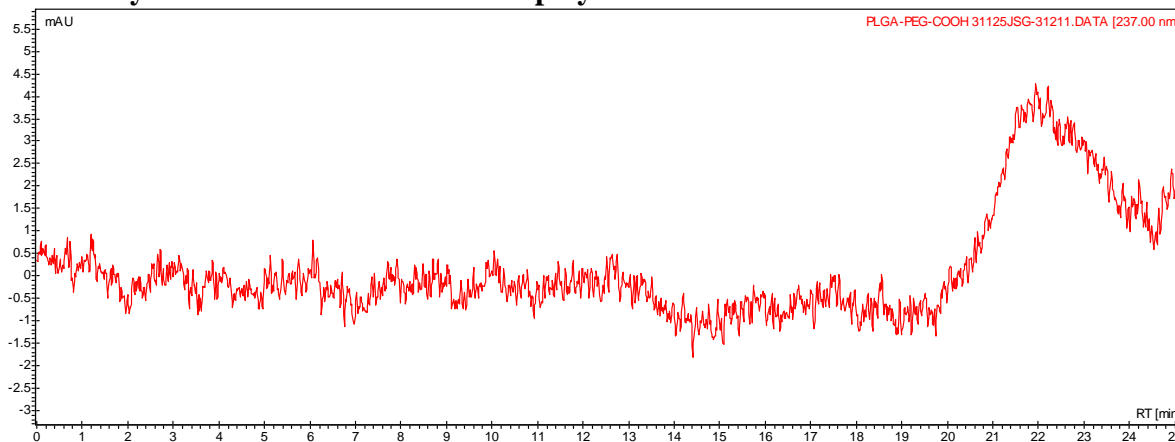
H-NMR



FTIR



• GPC analysis of PLGA-PEG-COOH 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 (*data from supplier).

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA-PEG-COOH	8131	14809	1.82
HO-PEG-COOH*	Average Mn by GFC -5000Da*		

* - data provided by MFG

• Structure of PLGA-PEG-COOH copolymers

