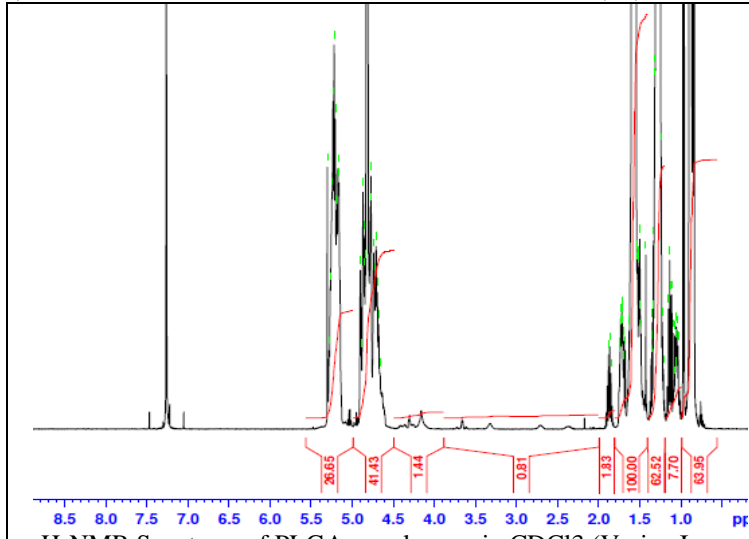


No. AP228

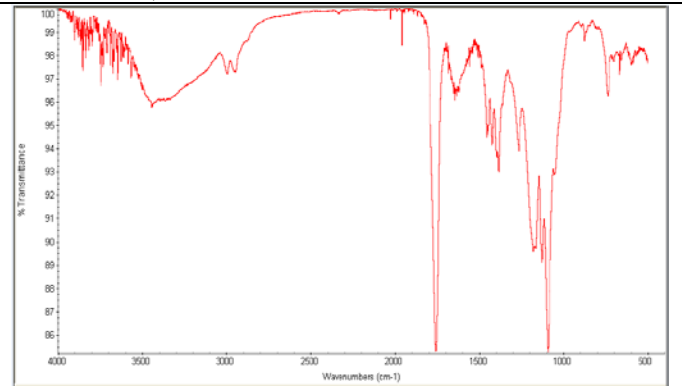
Certificate of Analysis



Product Name: Poly(lactide-co-glycolide) 6-arm dipentaerythritol initiated
(55:45 LA:GA, Mn 40,000 – 60,000 Da) (Lot#171103SLG-A)

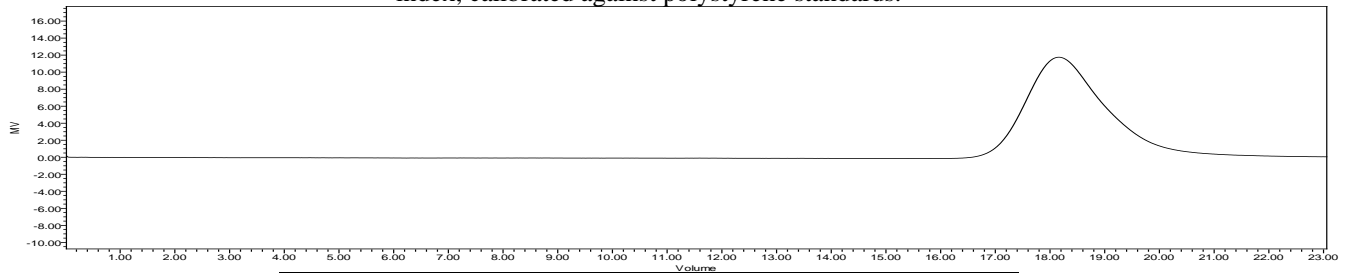


H-NMR Spectrum of PLGA copolymers in CDCl₃ (Varian Inova 500 MHz instrument) NMR of PLGA copolymers: LG/GA =56%/44% molar ratio (61%/39% w/w).



FTIR Analysis: Collected from cast-film on KBr salt-plate placed in Protégé 460 spectrometer and analyzed in transmission E.S.P. mode.

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-6ARM-DPE*	49,576	59,275	1.20

*- against linear standards, branching degree unconfirmed

Structure of PLGA-6ARM-DPE copolymers

