

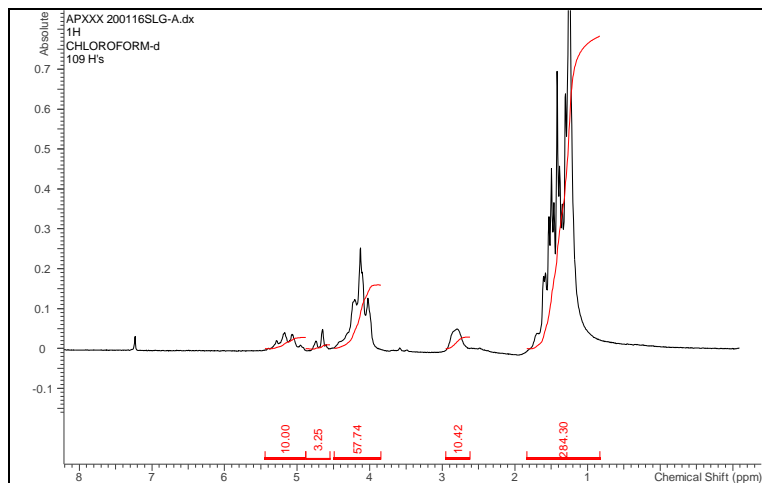
No. AP256

Certificate of Analysis

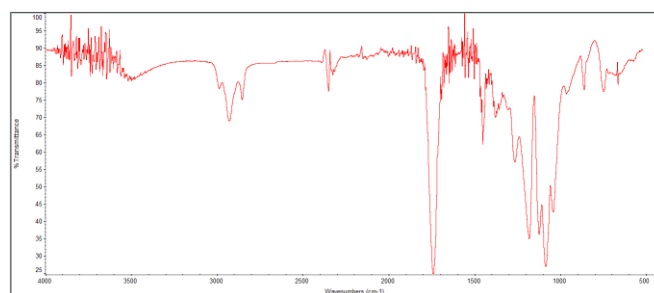


Product Name: Poly(Lactide-co-glycolide)-diol (Mn 500-1500 Da)

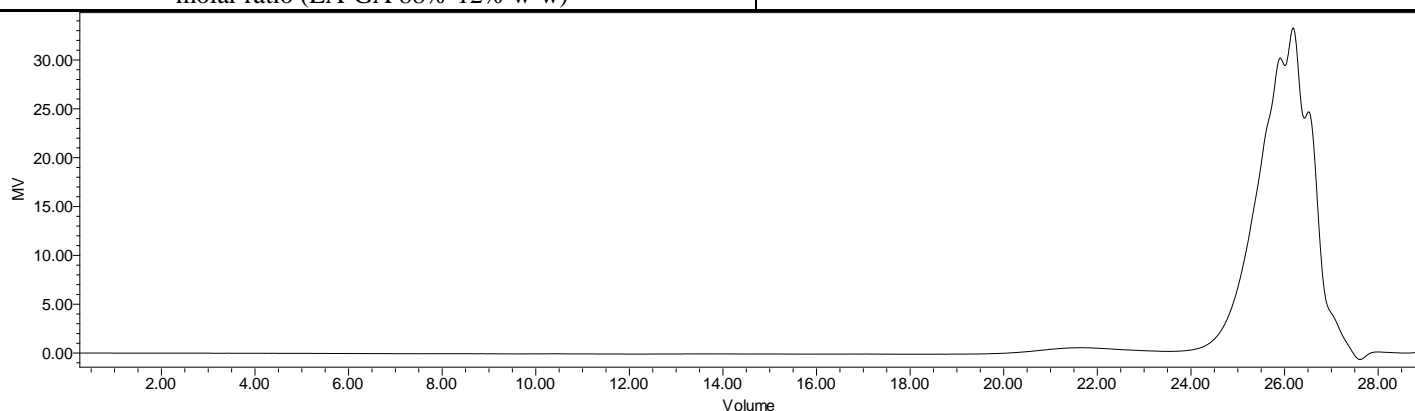
(Lot #200116SLG-A)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLGA copolymer: LA-GA = 86%-14% molar ratio (LA-GA 88%-12% w-w)



FTIR Analysis: Collected from cast-film on KBr salt-plate placed in a Nicolet Avatar 380 spectrometer with ATR Smart Orbit and analyzed in transmission 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	691	727	1.05

• Structure of PLGA-Diol

