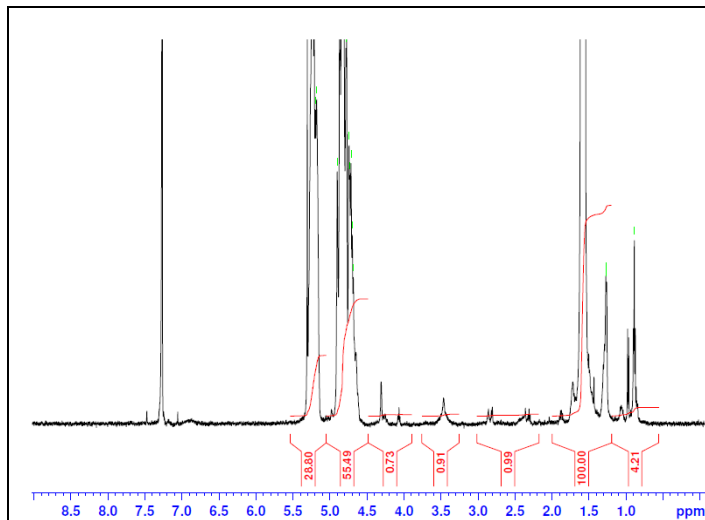


No. AO037

Certificate of Analysis

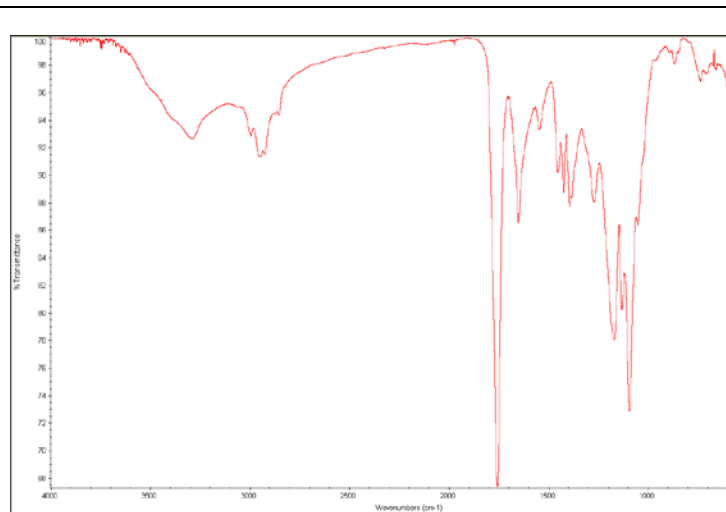
Product Name: Poly(lactic-co-glycolic)-Folate (50:50 LA:GA, M_n : 25,000-35,000Da)
(Lot#: 61208JSG-B)

H-NMR



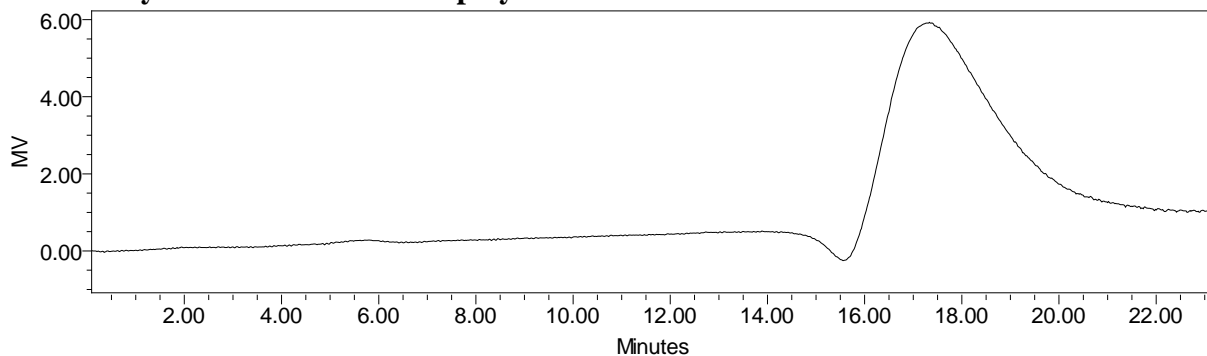
H-NMR Spectrum of PLGA-folate copolymers in $CDCl_3$ (Varian Inova 500 MHz instrument), NMR of PLGA-folate copolymers: LA/GA = 51%/49% molar ratio (56%/44% w/w)

FTIR



FTIR Analysis: Collected from cast-film on salt-plate placed in Protégé 460 Spectrometer (Nicolet) and analyzed in transmission E.S.P. mode.

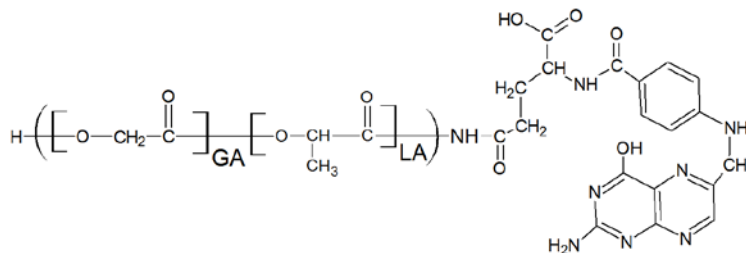
- **GPC analysis of PLGA-Folate copolymers**



Analysis Method: Waters Breeze 2 system with 1 ml/min DCM flow across three GPC columns (Phenomenex). Detection via refractive index, calibrated against polystyrene standards.

Polymer	M_n (from GPC)	M_w (from GPC)	PDI
PLGA-Folate	26,474	42,826	1.62

- **Structure of PLGA-Folate copolymers**



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