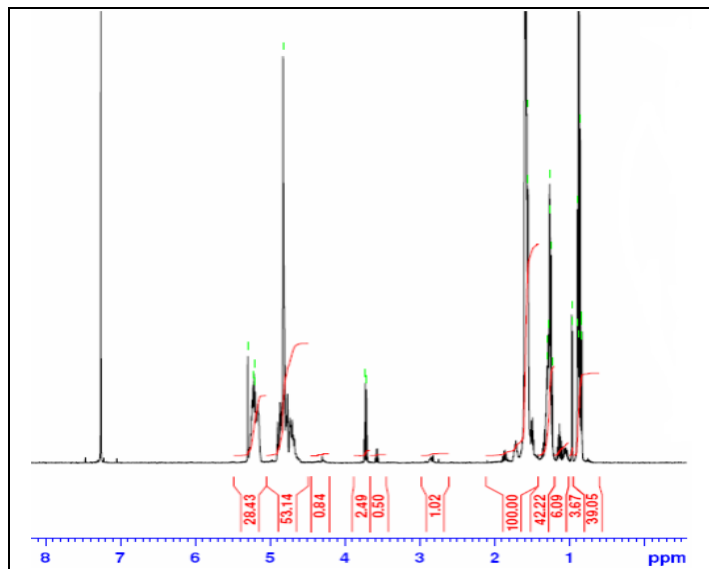


No. AI25

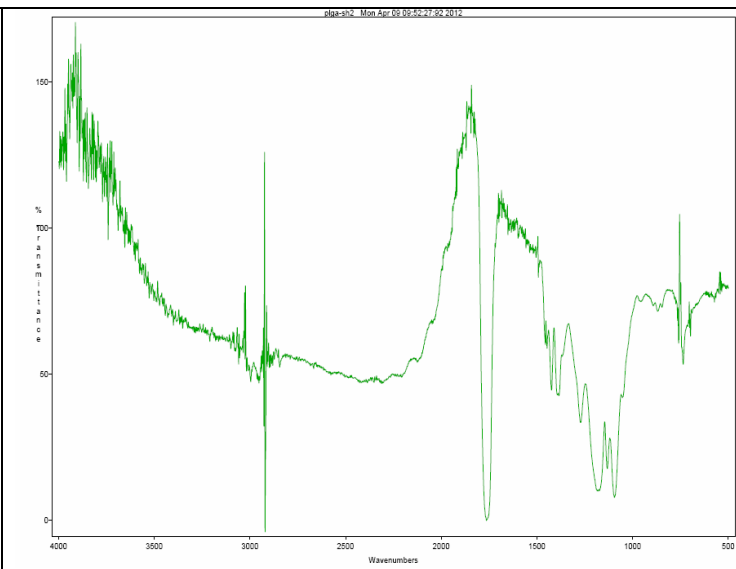
Certificate of Analysis



Product Name: Poly(lactic-co-glycolic)-Cysteine Ethyl Ester (~30,000Da) (Thiol endcap)

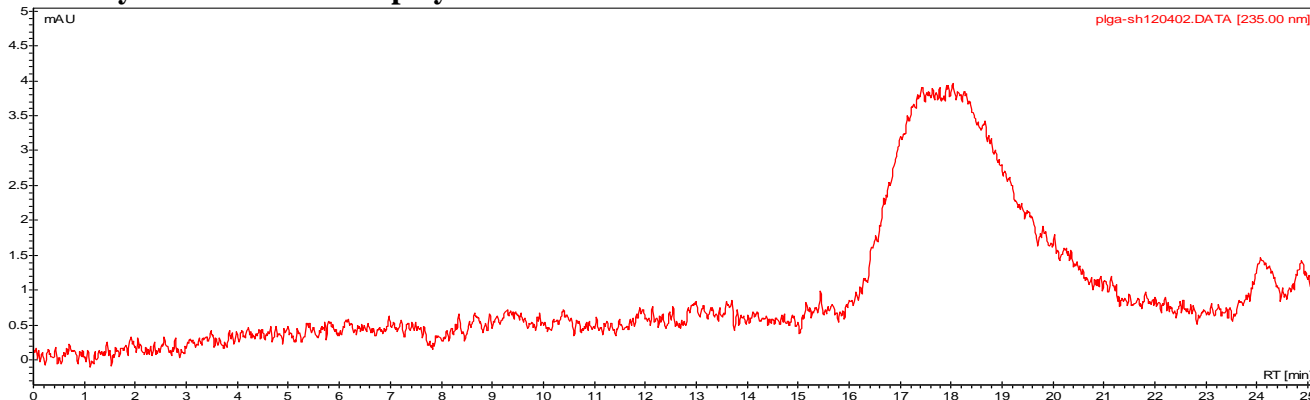


H-NMR Spectrum of PLGA-SH copolymer in CDCl₃ (Varian Inova 300 MHz instrument), NMR of PLGA copolymers: GA/LA = 43%/57%



FTIR Analysis: Collected from cast-film on KBR salt-plate placed in Satellite FTIR (Thermo-Mattson) and analyzed in transmission mode.

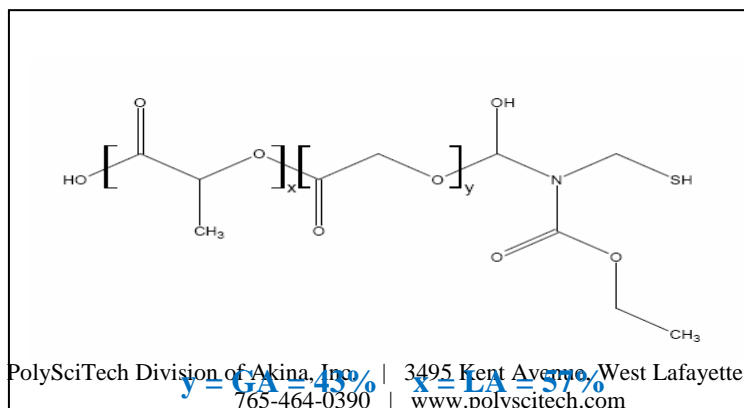
• GPC analysis of PLGA-SH copolymers



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two PLgel mixed-D columns and one Mixed-E column (Agilent). Detection via UV/Vis, calibrated against polystyrene standards

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
AI25 (PLGA-SH)	22697	40145	1.77

• Structure of AI25 (PLGA-SH) copolymers



PolySciTech Division of Akina, Inc. | 3495 Kent Avenue, West Lafayette, IN 47906
765-464-0390 | www.polysciotech.com

For research use only.