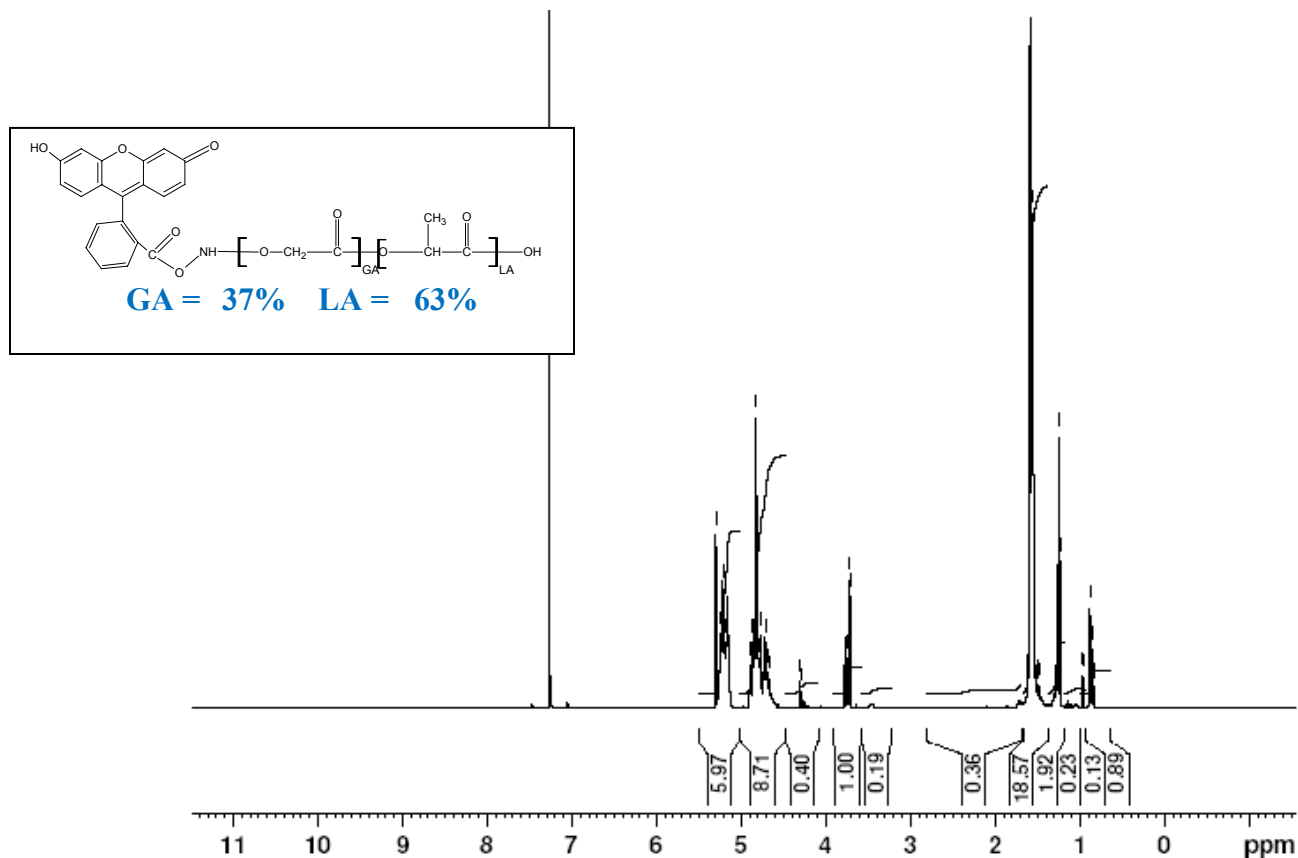


# No. PLGAF1-1 B#0A Certificate of Analysis

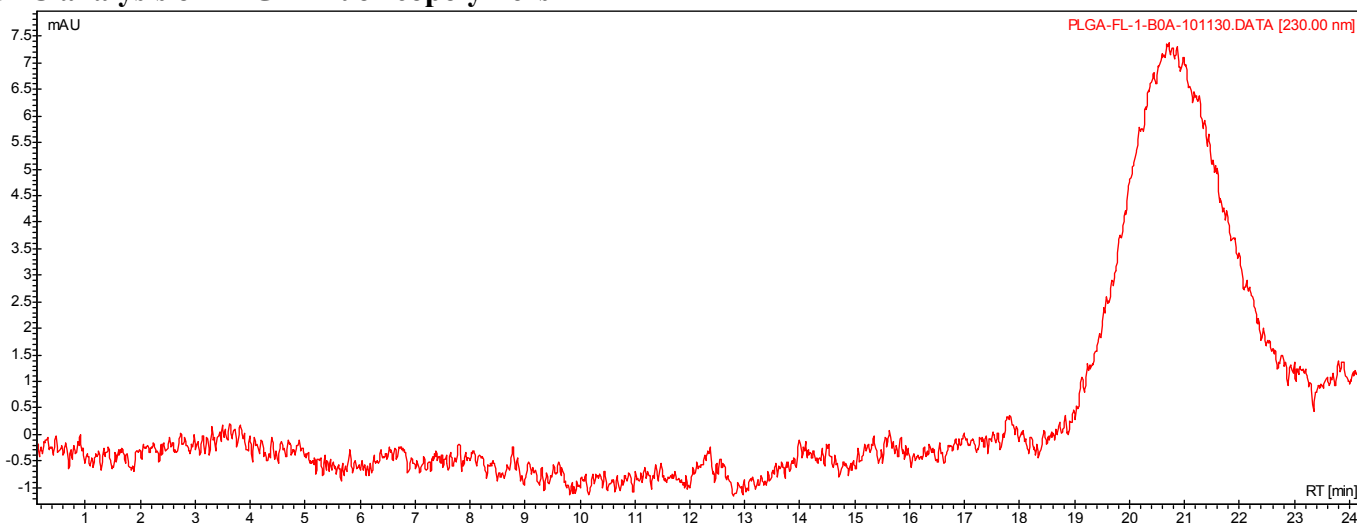
Product Name: Poly(lactic-co-glycolic) copolymer-Fluorescein

- <sup>1</sup>H-NMR Spectrum of PLGA-Fluor copolymer in CDCl<sub>3</sub> (Varian Inova 300 MHz instrument)



NMR of PLGA-Fluor copolymers: LA/GA = 63%/37%

- GPC analysis of PLGA-Fluor copolymers



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two Resipore 3 um columns and one Mixed E column (Varian) and with UV-Vis (PDA) detection. Calibrated against polystyrene standards

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLGA-Fluor	8333	11376	1.36

## Imaging

A small sample (~10mg) of raw PLGA-Flourescein B#0A was taken and mixed with about 2 ml distilled water then a portion was removed and placed on a microscope slide. The material was imaged at 10X magnification on a BX52 microscope under fluorescence mode with a FITC filter with 1ms exposure time and the image below is a screenshot of what was observed with no brightness modification.

