

# No. AV01

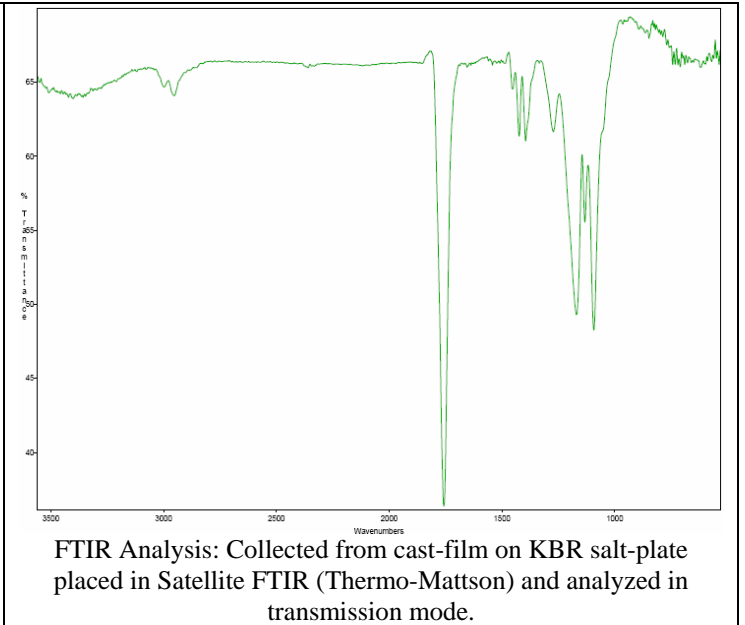
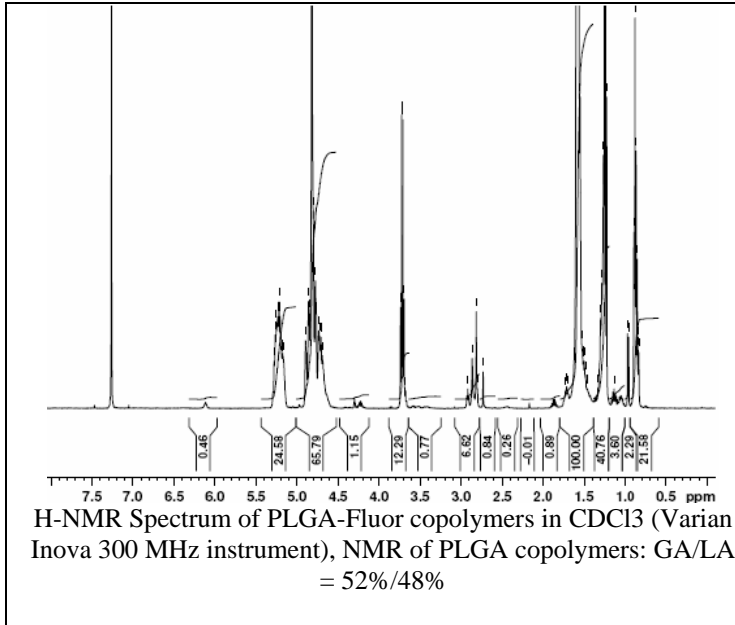
# Certificate of Analysis

Product Name: Poly(lactic-co-glycolic) copolymer-Fluorescein (Mn: 5,000-10,000 Da)

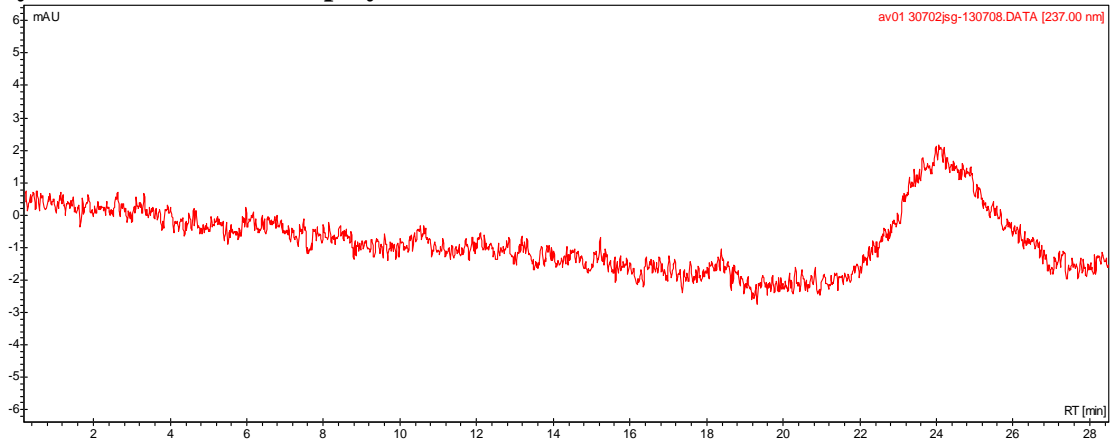
(Lot#: 30702JSG)

**H-NMR**

**FTIR**



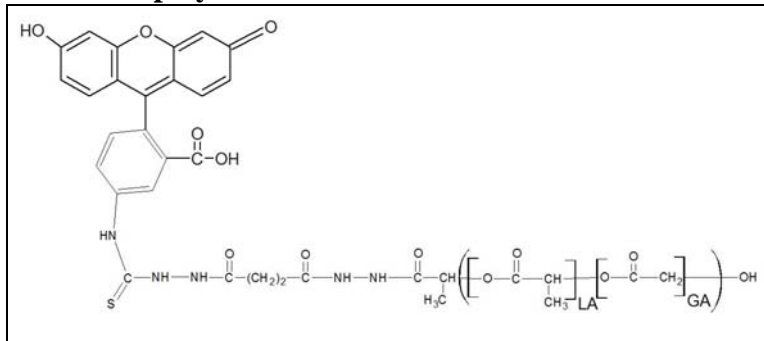
- GPC analysis of PLGA-Fluor copolymers**



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  |
|------------|---------------|---------------|------|
| PLGA-Fluor | 9528          | 13862         | 1.45 |

- Structure of PLGA-Fluor copolymers**



ADDENDUM: Testing of absorbance of polymer at 490nm as compared to series of FITC standards has indicated a dye content of:9.43 ug/mg polymer.