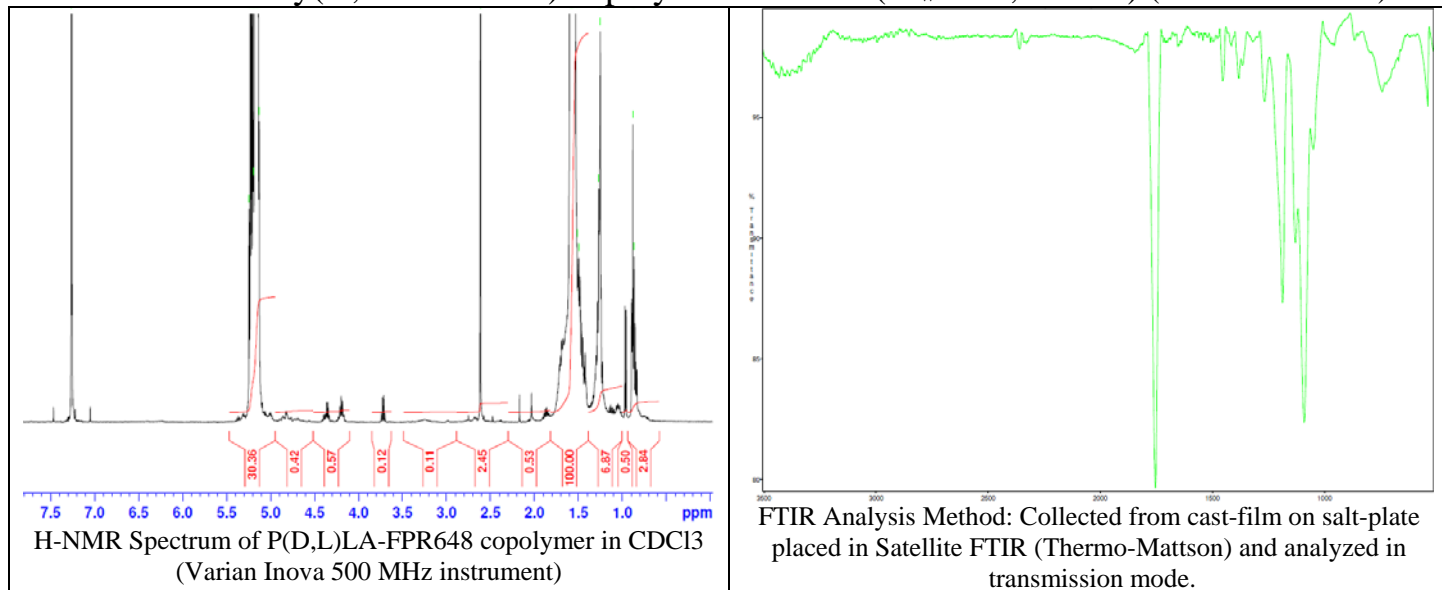


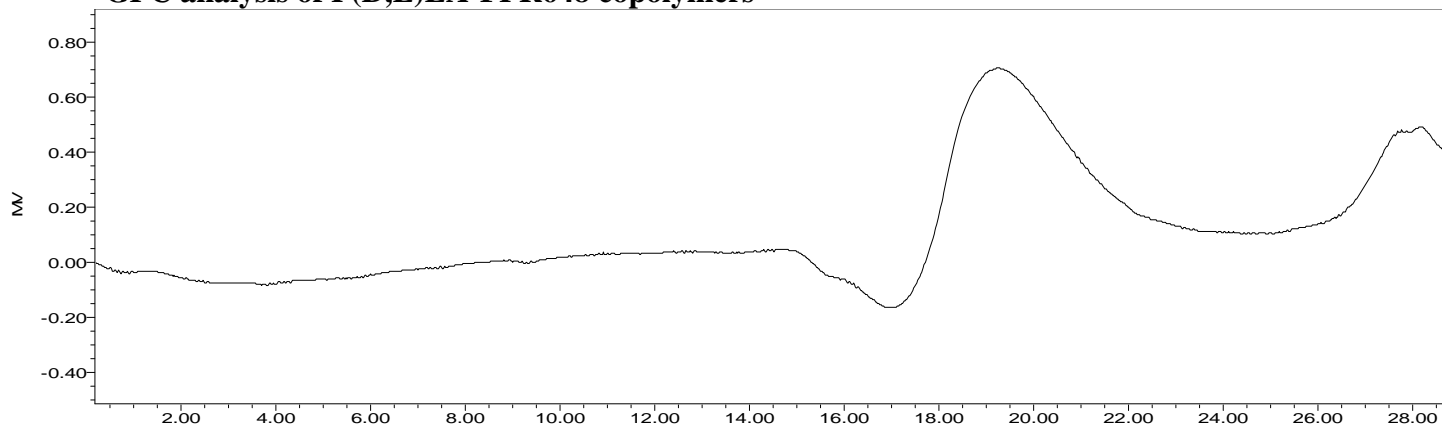
No. AV024

Certificate of Analysis

Product Name: Poly(D,L-lactic acid) copolymer-FPR648 ($M_w \sim 40,000$ Da) (Lot#: 50901BPR)



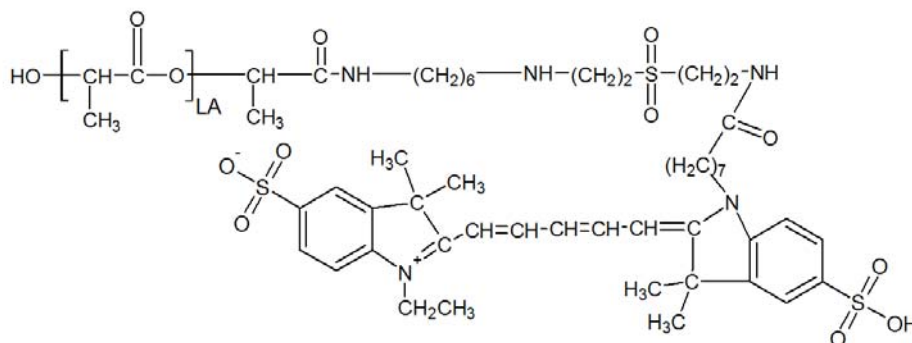
- **GPC analysis of P(D,L)LA-FPR648 copolymers**



Analysis Method: Waters Breeze 2 system with 1 ml/min DCM flow across three Phenogel 5um columns (Phenomenex). Detection via refractive index, calibrated against polystyrene standards.

| Polymer | M_n (from GPC) | M_w (from GPC) | PDI |
|-----------------|------------------|------------------|------|
| P(D,L)LA-FPR648 | 28981 | 40611 | 1.40 |

- **Structure of P(D,L)LA-FPR648 copolymers**



- **Dye Content:** Testing of absorbance of polymer in DMSO solution at 660 nm as compared to series of FPR648 standards has indicated a dye content of: 0.48 $\mu\text{g}/\text{mg}$ polymer.

Material provided for research use only. Not for human use.