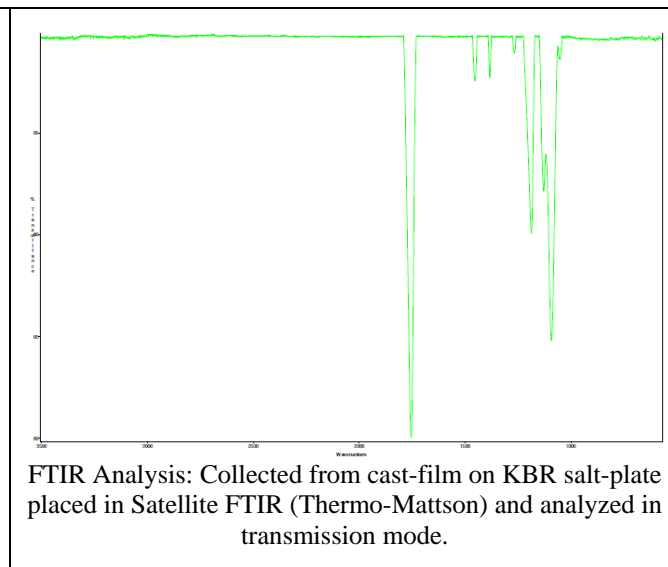
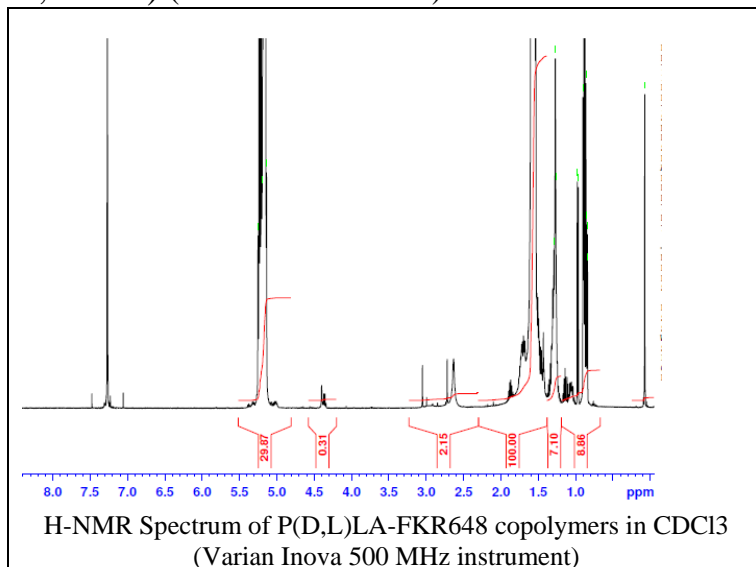
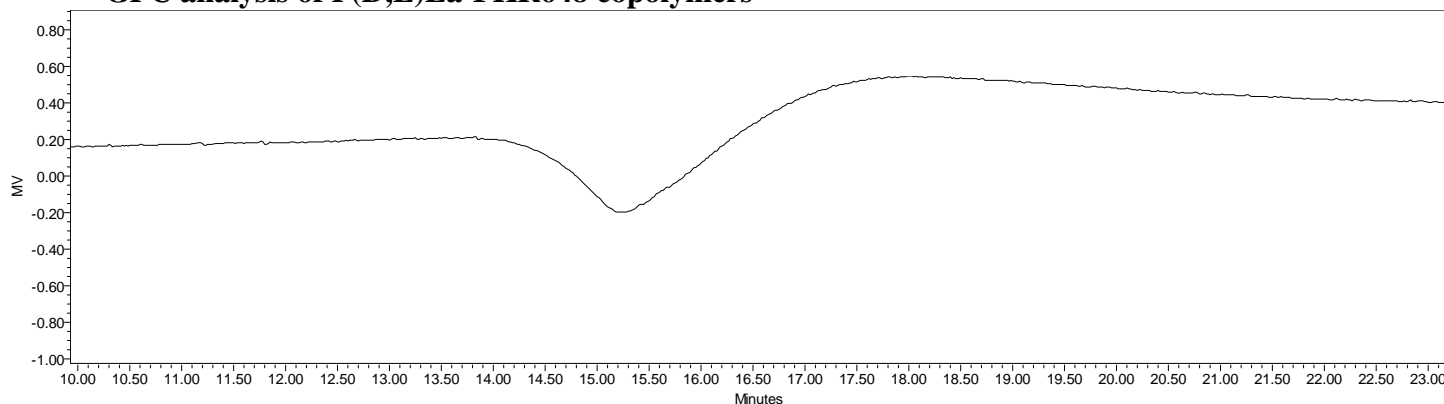


No. AV031 Certificate of Analysis

Product Name: Poly(D,L) lactic acid-Flamma-Fluor FKR648 copolymers (Mn 10,000-15,000Da) (Lot#: 60623FAJ-A)



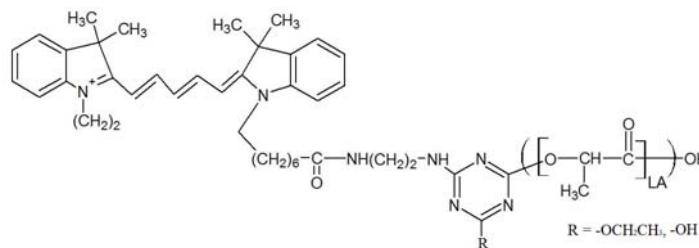
• GPC analysis of P(D,L)La-FKR648 copolymers



Analysis Method: Waters Breeze 2 system with 1 ml/min DCM flow across three 7.6 x 300mm GPC columns (mixed porosities). Detection via refractive index, calibrated against polystyrene standards.

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
P(D,L)La-FKR648	13,984	25,254	1.80

- **Dye Content:** Testing of absorbance of polymer in Acetone solution at 648nm as compared to series of FKR648 standards has indicated a dye content of: 0.287 ug/mg polymer.
- **Structure of mPEG-P(D,L)La-FKR648 copolymers**



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