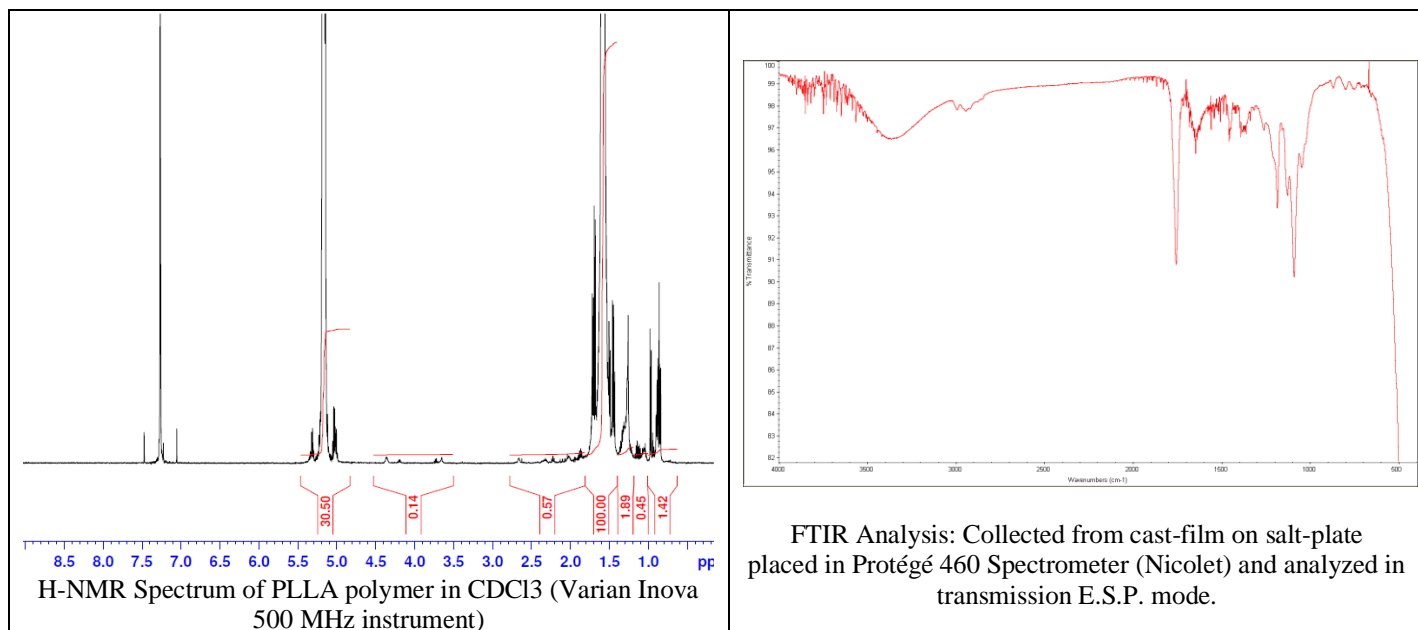


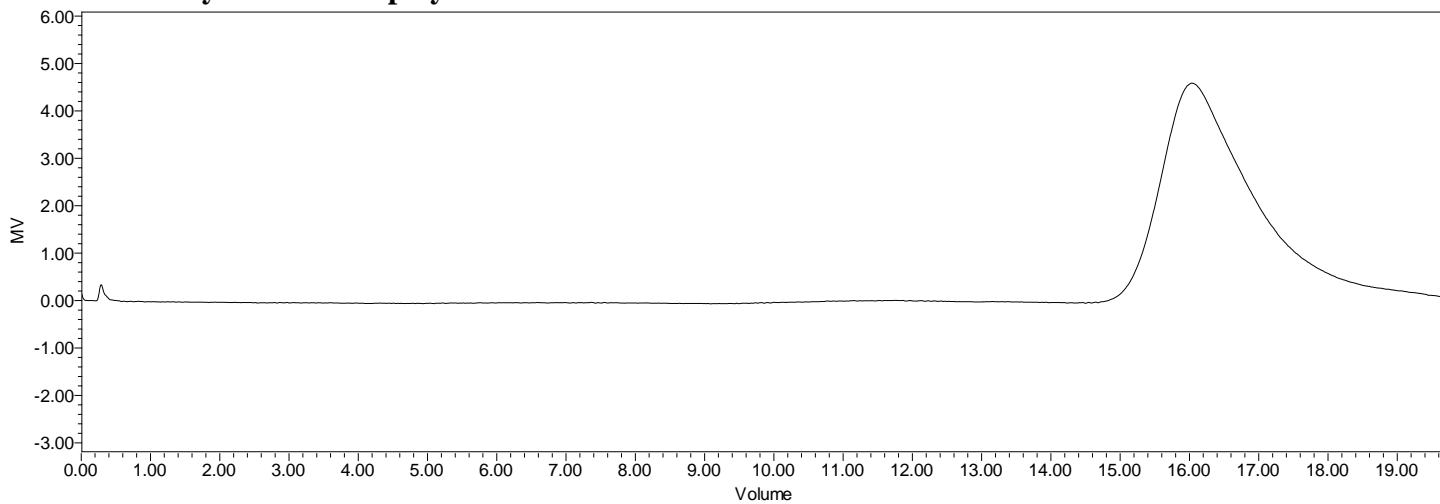
No. AP047

Certificate of Analysis

Product Name: Poly((L)Lactic acid) acid endcap (M_n : 45,000-55,000 Da) (Lot#: 170509ELH-A)



- **GPC analysis of PLLA polymer**



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

Polymer	M_n (from GPC)	M_w (from GPC)	PDI
PLLA	48689	52164	1.07

- **Structure of PLLA polymer**

