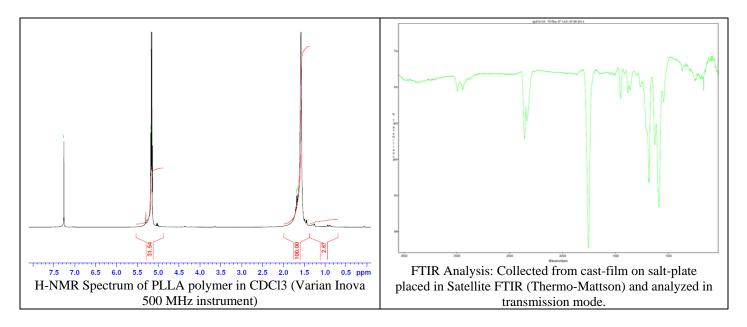
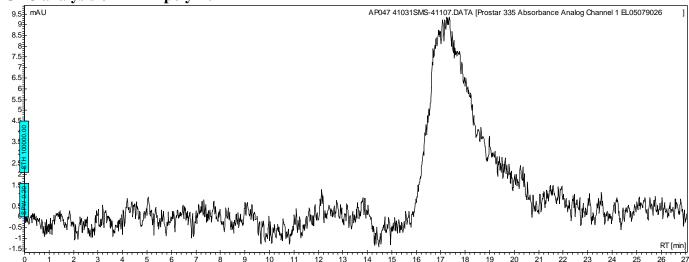
No. AP047 Certificate of Analysis



Product Name: Poly((L)Lactic acid) acid endcap (M_N: 45,000-55,000 Da) (Lot#: 41031SMS)



GPC analysis of PLLA polymer



Analysis Method: Varian Prostar system with 1 ml/min DCM flow across two $5\mu m$ Phenogel columns and one PLGel Resipore column (Agilent). Detection via UV/Vis, calibrated against polystyrene standards.

Polymer	Mn (from GPC)	Mw (from GPC)	PDI
PLLA	45,831	87,285	1.94

• Structure of PLLA polymer

$$HO - CH - C - O - H$$
 CH_3