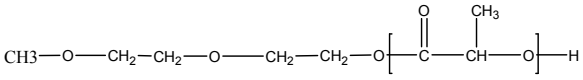
Sample Name: **Polylactide**

Sample #: **P10389B-LA (L-Form)**

Structure:

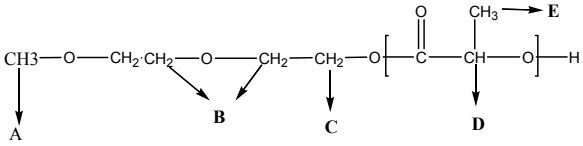


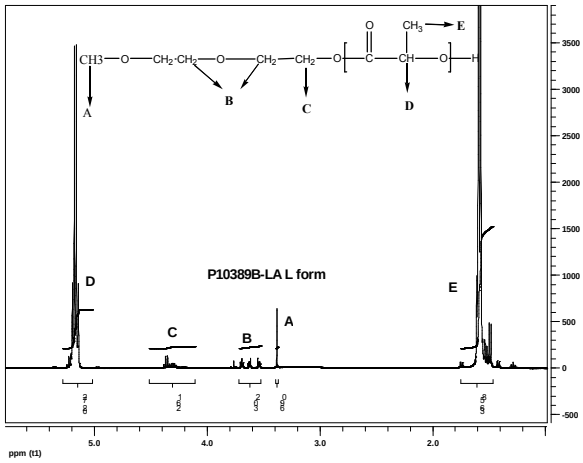
Composition:

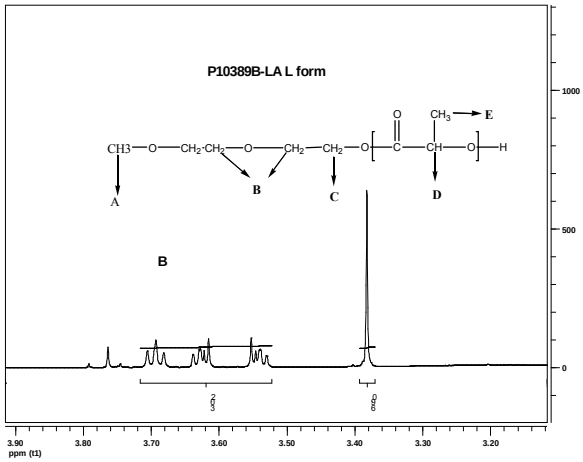
Mn x 10^3	PDI
2.0	1.26

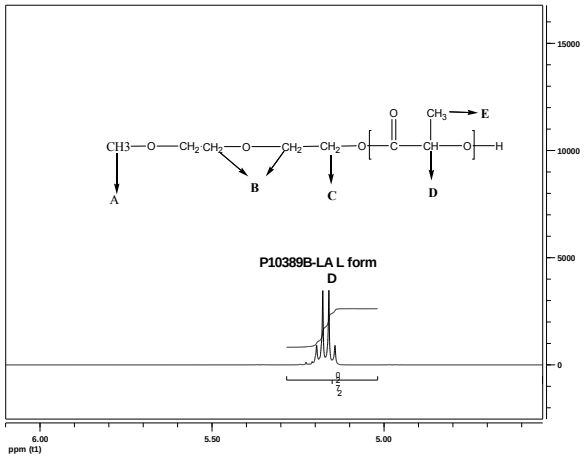
Purification:

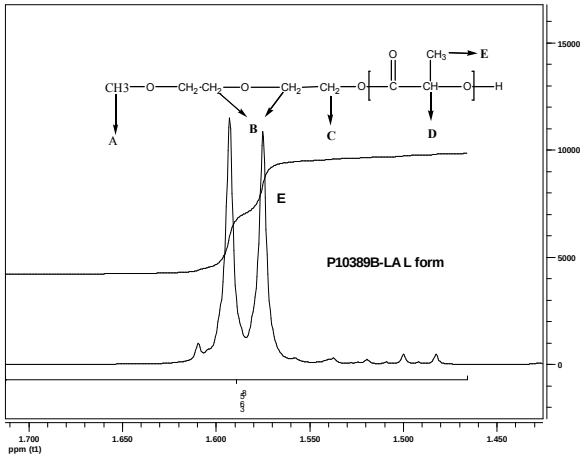
Unreacted monomer was removed by repeated precipitation from CHCl3 solution to hexane.











Characterization:

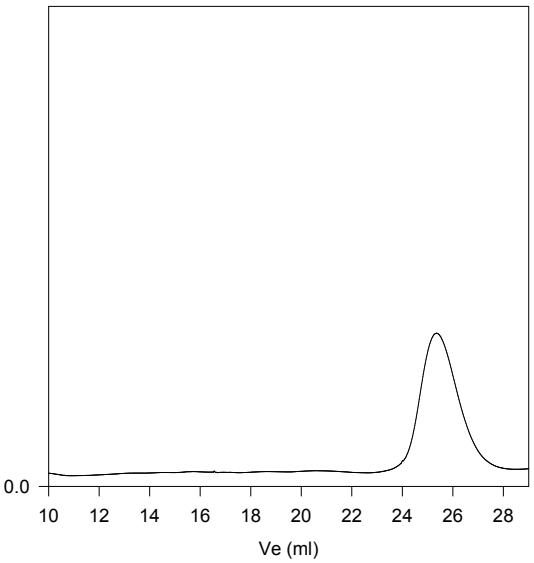
The molecular weight and polydispersity index (PDI) are obtained by size exclusion chromatography.

Solubility:

Polymer is soluble in toluene, THF, $CHCl_3$ and CH_2Cl_2. The polymer is insoluble in methanol, hexane and ether.

SEC of Homopolymer:

P10389B-LA (L form)



Size exclusion chromatography result:

—— M_n=2000 Mw=2600 PI=1.26 (Mn calculated from ^{H}NMR)