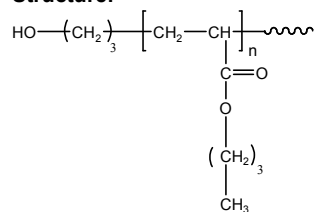


Sample Name:
Hydroxy Terminated Poly(n-butyl acrylate)

Sample #: P2605-nBuAOH

Structure:

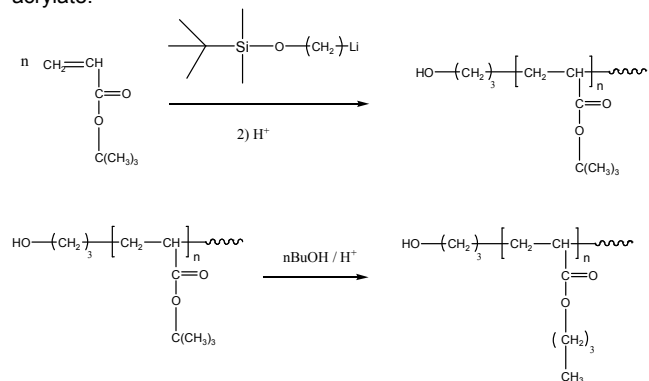


Composition:

Mn x 10 ³	PDI
4.5	1.21

Synthesis Procedure:

Hydroxy Terminated Poly(n-butyl acrylate) is synthesized by living anionic polymerization of t-butyl acrylate using a hydroxyl terminated initiator followed by transesterification with n-butyl acrylate.



Characterization:

The molecular weight and polydispersity index of this polymer were determined by size exclusion chromatography (SEC) using a Varian liquid chromatograph equipped with a UV and refractive index detector. Transesterification was verified by FT-IR to verify the disappearance of the t-butyl group.

Solubility:

The polymer is soluble in chloroform, THF, toluene and DMF. It precipitates in hexanes and water.

SEC of Sample:

