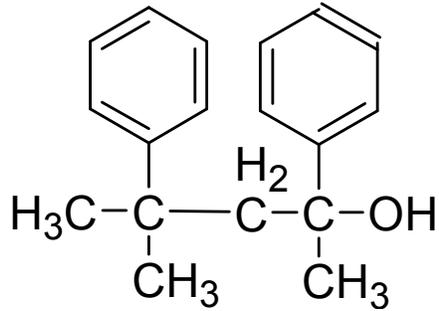


Sample Name:
Dimer of α -methyl styrene Oligomer

Sample #: P2909-Dimer

Structure:

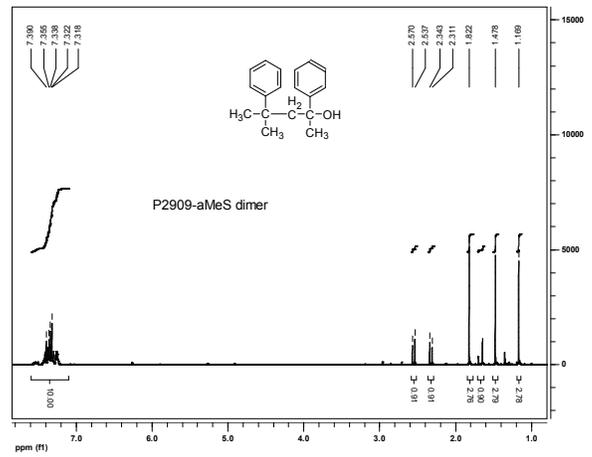
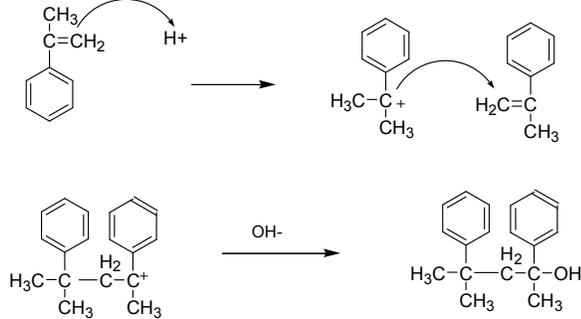


Composition:

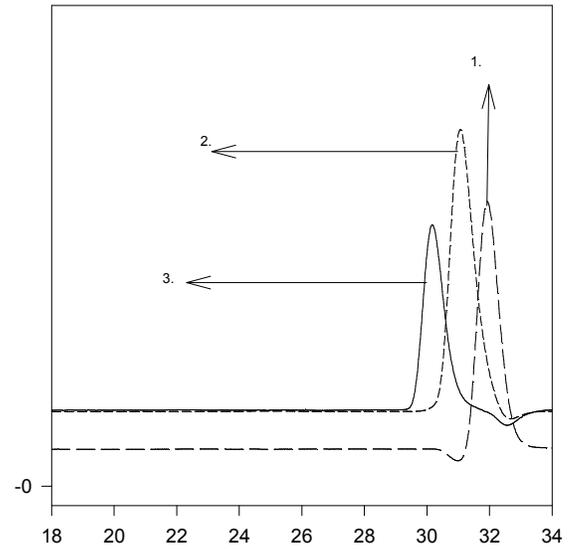
Mn x 10 ³	PDI
0.242	1.06

Characterization:

The molecular weight and polydispersity index (PDI) are obtained by size exclusion chromatography (SEC) in THF. SEC analysis was performed on a Varian liquid chromatograph equipped with refractive and UV light scattering detectors. Three SEC columns from Supelco (G6000-4000-2000 HXL) were used with triple detectors from Viscotek Co. ¹H-NMR spectroscopy in CdCl₃.



alpha methyl styrene oligomers:



Size Exclusion Chromatography of:

- (1) alpha methyl styrene monomer
- - - (2) Cumyl methyl ether
- (3) Dimer of alpha methyl Styrene