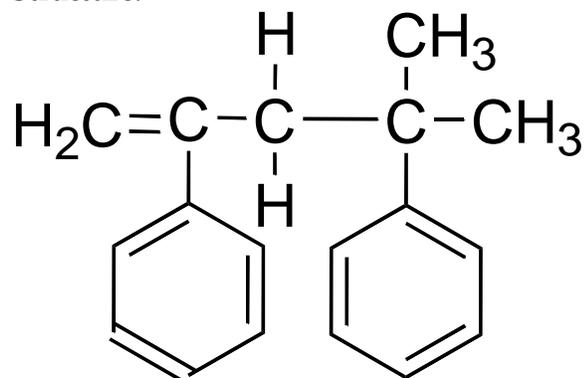


Sample Name:

**Dimer of  $\alpha$ -methyl styrene Oligomer**

Sample #: P6018A-Dimer

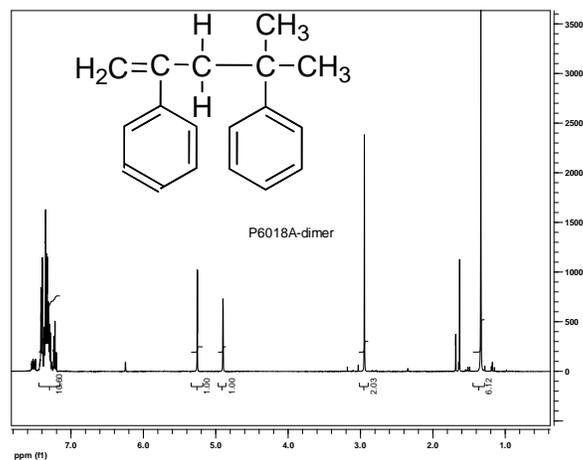
**Structure:**



**Composition:**

$M_n \times 10^3$	PDI
0.236	1.05

**HNMR of the dimer:**



**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.  $^1\text{H-NMR}$  spectroscopy in  $\text{CdCl}_3$ .

