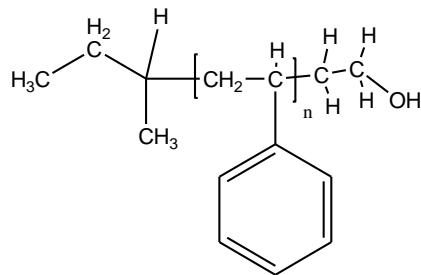


Sample Name:
 ω -Hydroxy Terminated Polystyrene

Sample #: **P41524-SOH**

Structure:



Composition:

Mn x 10 ³	PDI
13.0	1.01

Synthesis Procedure:

ω -Hydroxy terminated polystyrene was prepared by anionic living polymerization of styrene in THF followed by termination with ethylene oxide.

Characterization:

The product was characterized by size exclusion chromatography (SEC).

Thermal analysis:

Thermal analysis of the samples was carried out on a TA Q100 differential scanning calorimeter at a heating rate of 10°C/min. The midpoint of the slope change of the heat flow plot of the second heating scan was considered as the glass transition temperature (T_g).

Solubility:

Polystyrene is soluble in DMF, THF, toluene and CHCl_3 . It precipitates from methanol, ethanol, water and hexanes.

SEC elugrame of the Sample:

Agilent GPC/SEC Software

