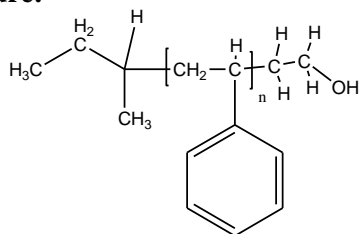


Sample Name: ω -Hydroxy Terminated Polystyrene

Sample #: P41552A-SOH

Structure:



Composition:

Mn x 10 ³	PDI
1.6	1.04

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) and ¹HNMR.

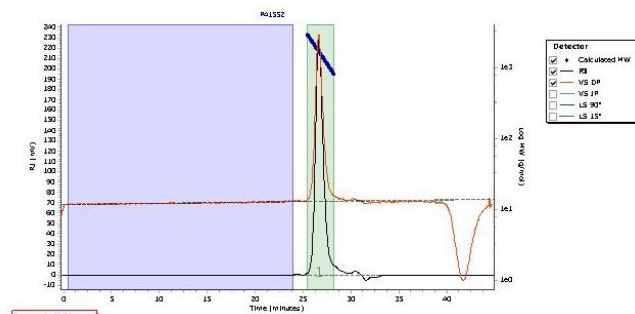
Solubility:

Polystyrene is soluble in DMF, THF, toluene and CHCl₃. It precipitates from methanol, ethanol, water, and hexanes.

SEC elugrame of the Sample:

P41552

Chromatogram Plot



Molecular Weight Averages

Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mw (g/mol)	PDI
Peak 1	1705	1584	1649	1711	1769	1650	1.041

¹HNMR spectrum of the Sample:

