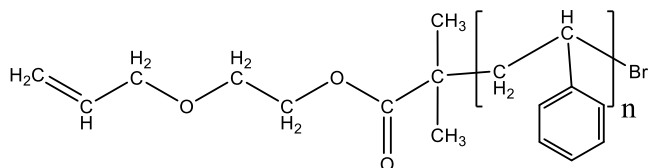


Sample Name: Poly(styrene), α -allyloxy-terminated

Sample #: P42299A-S-allyloxy

Structure:

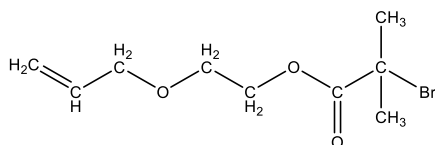


Composition:

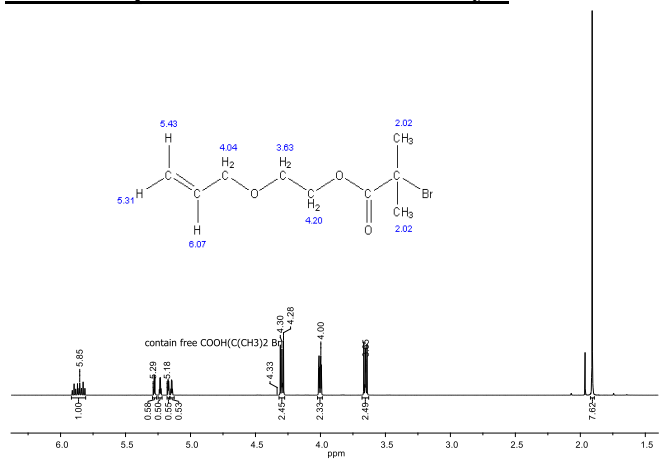
Mn x 10 ³	PDI
22.5	1.3

Synthesis:

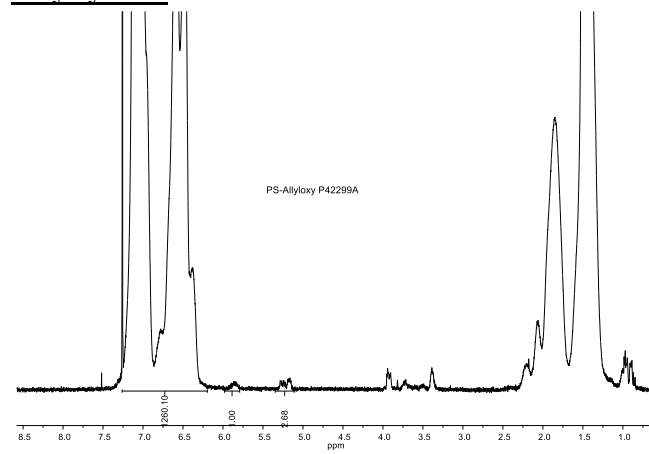
The polymer was synthesized by ATRP polymerization process.



¹H NMR spectrum of the ATRP catalyst

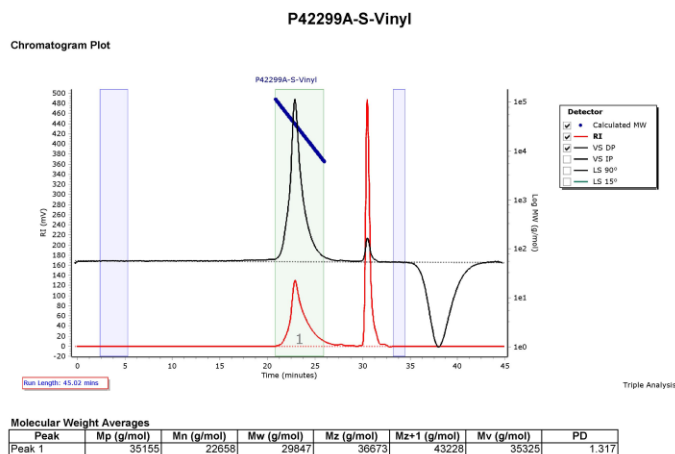


¹H-NMR Spectrum of the Allyloxy terminated Polystyrene:



SEC elugram of the polymer:

Agilent GPC/SEC Software



Characterization:

The product was characterized by size exclusion Chromatography (SEC) and ¹H NMR in CdCl₃.