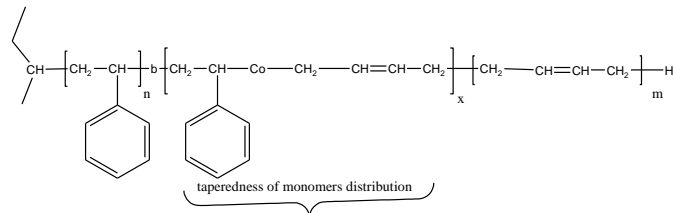


Sample Name: Poly (styrene-*b*-1,4-butadiene)
tapered diblock copolymer

Sample #: P19777-SBdtap

Structure:



Composition: S: 19.0 mol%

Mn x 10 ³ S-b-Bd	PDI
5.0-b-12.0	1.09

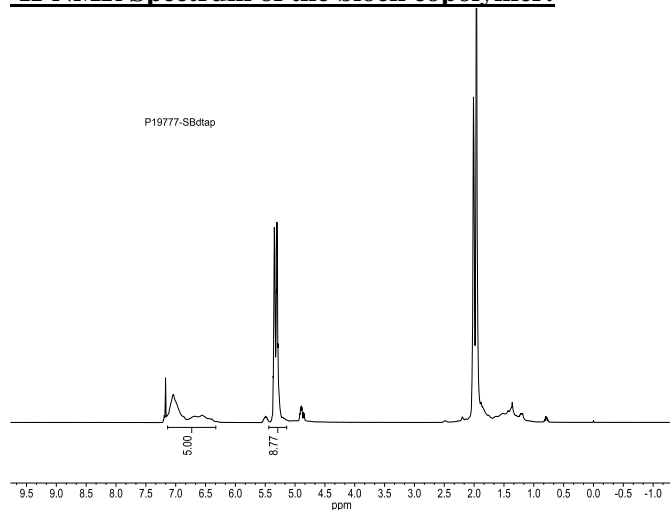
Synthesis Procedure:

The polymer was synthesized by anionic polymerization process.

Characterization:

The polymer was characterized by ¹H NMR and size exclusion chromatography (SEC).

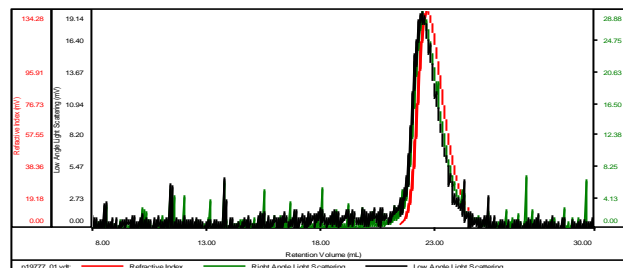
¹H-NMR Spectrum of the block copolymer:



SEC elugram of the block copolymer:

P19777-SBd tapered

Concentration (mg/mL)	8.0577
Sample dn/dc (mL/g)	0.1550
Method File	PS80K-august.2017-0000.vcm
Column Set	3x PL 1113-6300
Solvent	THF



Sample	Mn (Da)	Mw (Da)	Mw/Mn	IV (dL/g)	Mp (Da)
p19777_01.vdt	16,920	18,453	1.091	0.0867	17,060