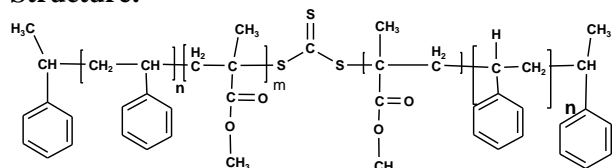


**Sample Name:** Poly (styrene-b-Methylmethacrylate-b-Styrene)

**Sample #:** P16301-SMMAS

**Structure:**

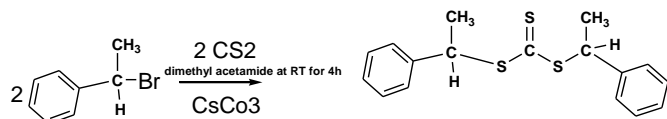


**Composition:**

Mn x 10 <sup>3</sup>	PDI
3.5-b-42.0-b-3.5	1.7

**Synthesis Procedure:**

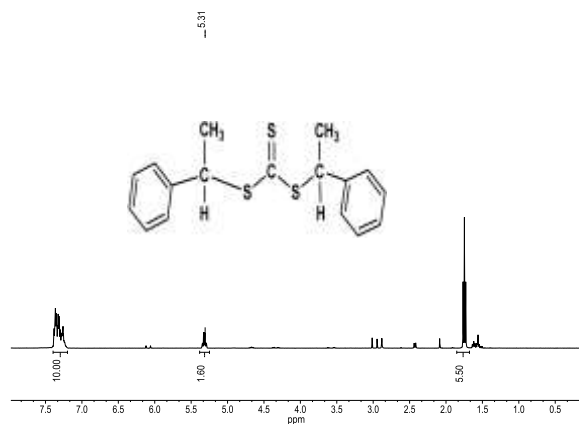
The polymer is prepared by RAFT polymerization process using following RAFT reagent:



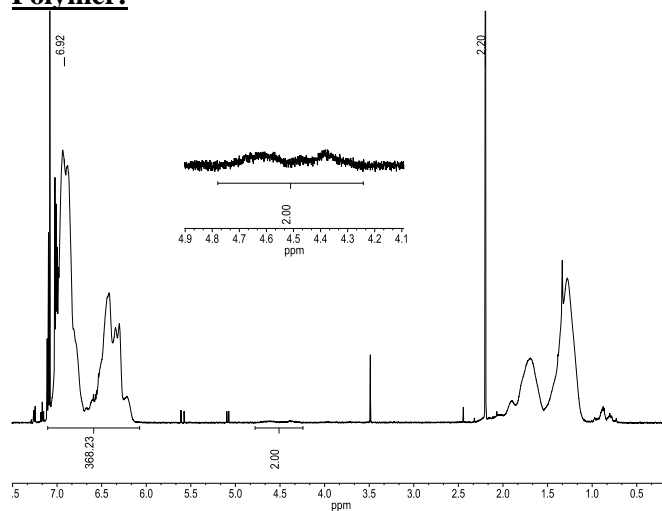
**Characterization:**

The product was characterized by size exclusion chromatography (SEC) and, <sup>1</sup>HNMR.

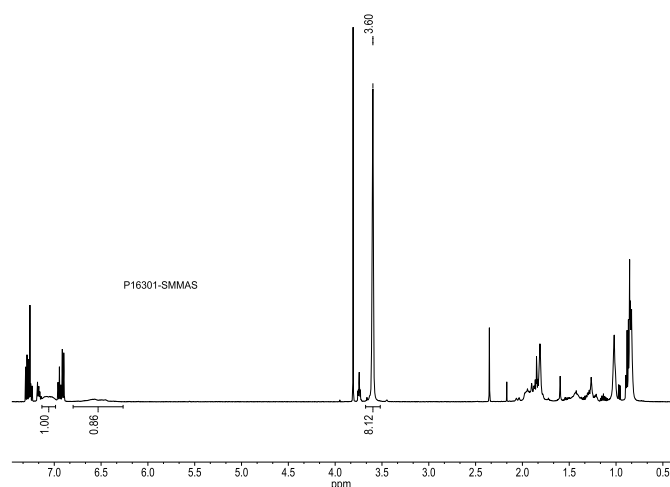
**<sup>1</sup>H NMR of the RAFT reagent:**



**<sup>1</sup>HNMR spectrum of the RAFT-S-S-RAFT Polymer:**



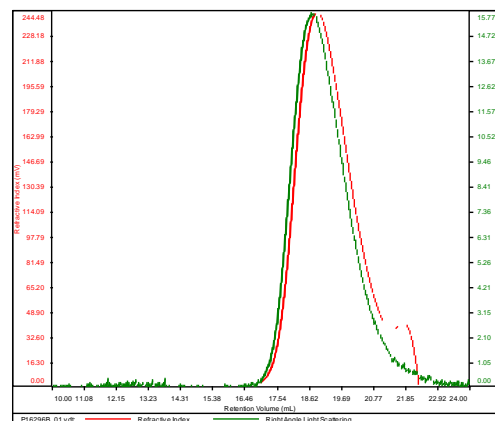
**<sup>1</sup>HNMR of ABA triblock copolymer:**



**SEC elugram of the S RAFT:**

P16296B-S-RAFT

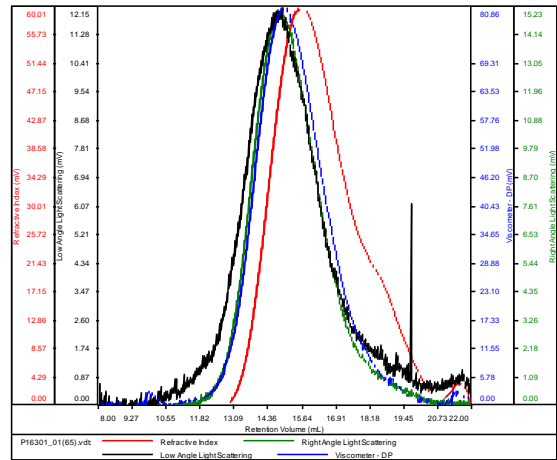
Conc	13.7706
dn/dc	0.1650
Solvent	DMF w 0.023M LiBr
Flow Rate	0.7000
Method	PS80k_2017-11-07-0000.vcm



Sample	Mn	Mw	Mp	Mw/Mn	IV
P16296B_01.vcm	7.091	7.345	7.292	1.036	6.0729

SEC elugram of the polymer:  
P16301-S-MMA-S

Conc	11.4661
dn/dc	0.0700
Solvent	DMF w 0.023M LiBr
Flow Rate	0.7000
Method	PS80k-04Dec2017-0000.vcm



Sample	Mn	Mw	Mp	Mw/Mn	IV
P16301_01(65).vdt	48,956	82,690	58,922	1.689	28.2672