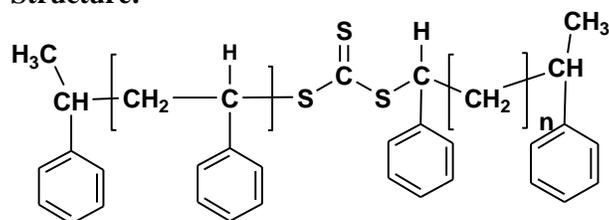


Sample Name: Trithiocarbonate RAFT moiety in the center of Poly styrene chains

Sample #: P16296A-S-RAFT-S

Structure:

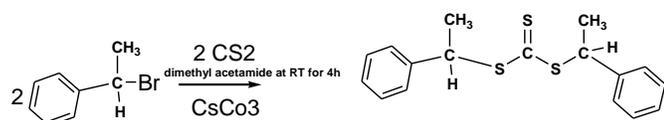


Composition:

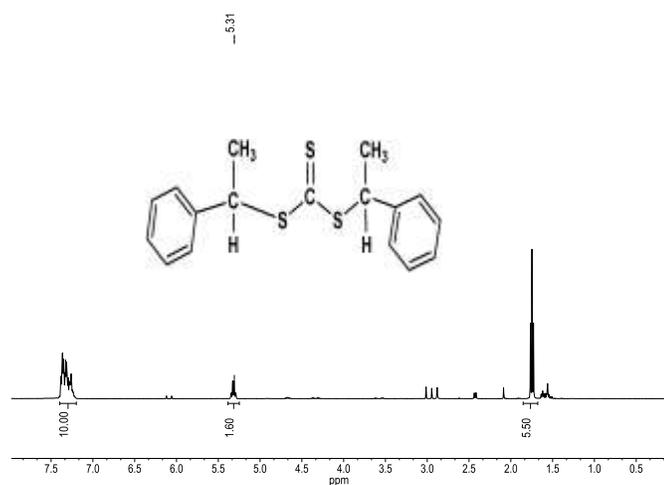
$M_n \times 10^3$	PDI
7.5	1.04

Synthesis Procedure:

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



^1H NMR of the RAFT reagent:



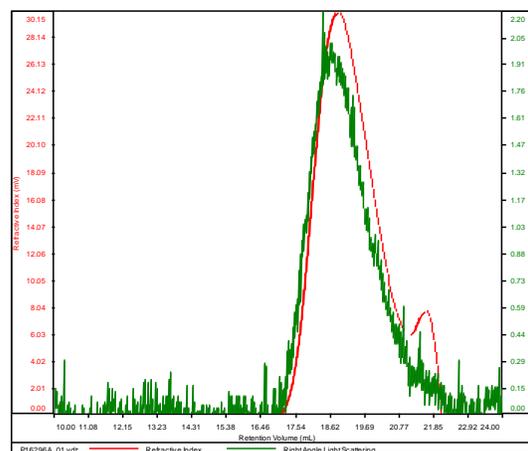
Characterization:

The molecular weight and polydispersity index (PDI) of the polymer are obtained by size exclusion chromatography (SEC).

SEC elugram of the polymer:

P16296A-S

Conc	1.6824
dn/dc	0.1650
Solvent	DMF w 0.023M LiBr
Flow Rate	0.7000
Method	PS80k_2017-11-07-0000.vcm



Sample	M_n	M_w	M_p	M_w/M_n	IV
P16296A_01.vcl	7,497	7,827	7,208	1,044	200.4418