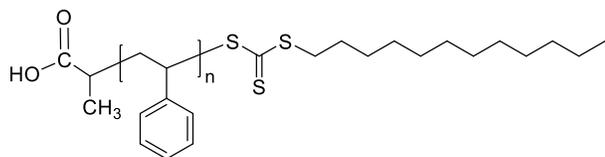


Sample Name:
Poly (Styrene), RAFT-agent terminated

Sample #: P42549-SRAFT

Structure:

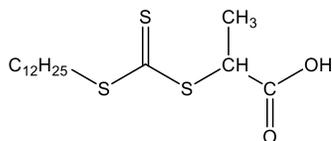


Composition:

$M_n \times 10^3$	PDI
16.5	1.06

Synthesis Procedure:

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

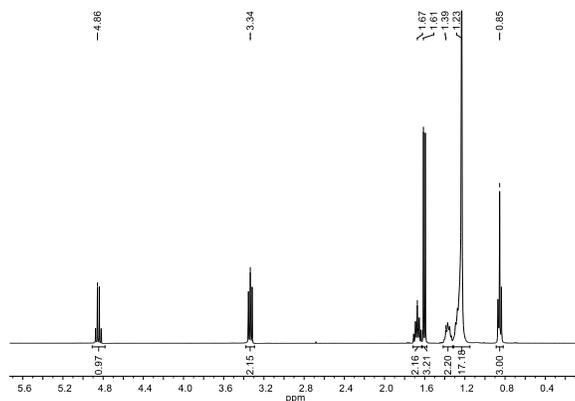


Chemical Formula: $C_{16}H_{30}O_2S_3$
Molecular Weight: 350.59

Characterization:

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

1H -NMR spectrum of the Sample ($CDCl_3$):

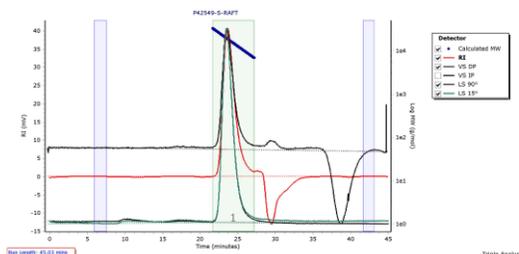


SEC elugram of the Sample:

Agilent GPC/SEC Software

P42549-S-RAFT

Chromatogram Plot



Molecular Weight Averages							
Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mv (g/mol)	PD
Peak 1	19070	16588	17651	18560	19345	18547	1.064