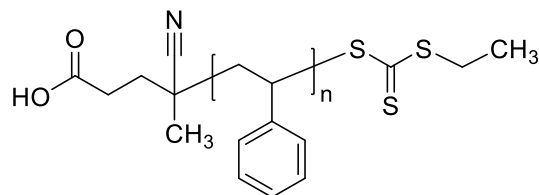


Sample Name: Poly (Styrene), RAFT-agent terminated

Sample #: P16282-SRAFT macroinitiator

Structure:



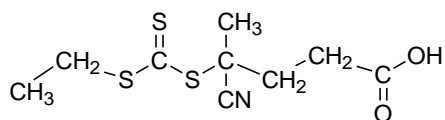
Composition:

Mn x 10 ³	PDI
5.0	1.14

Synthesis Procedure:

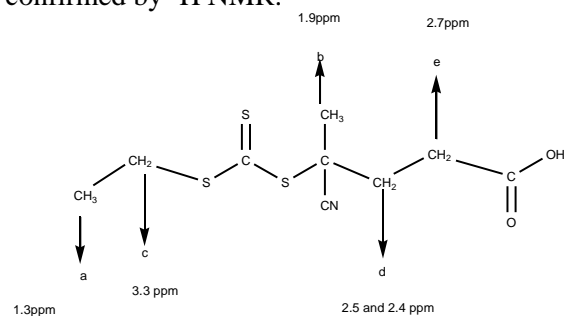
The polymer is prepared by RAFT polymerization process using following RAFT reagent:

Structure:

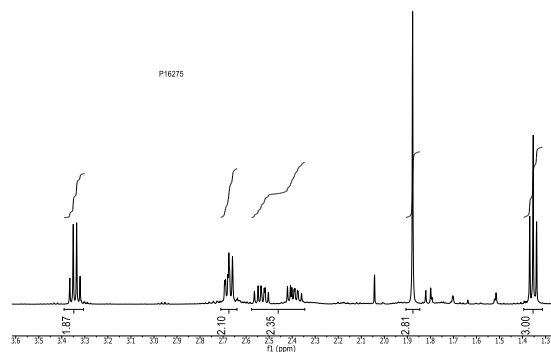


Characterization:

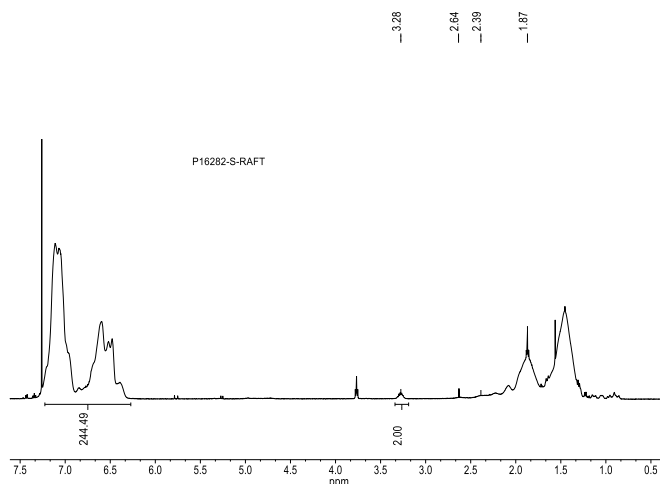
The structure of product was characterized and confirmed by ¹H NMR.



¹H NMR of the RAFT reagent:



¹H NMR spectrum of the Polymer:

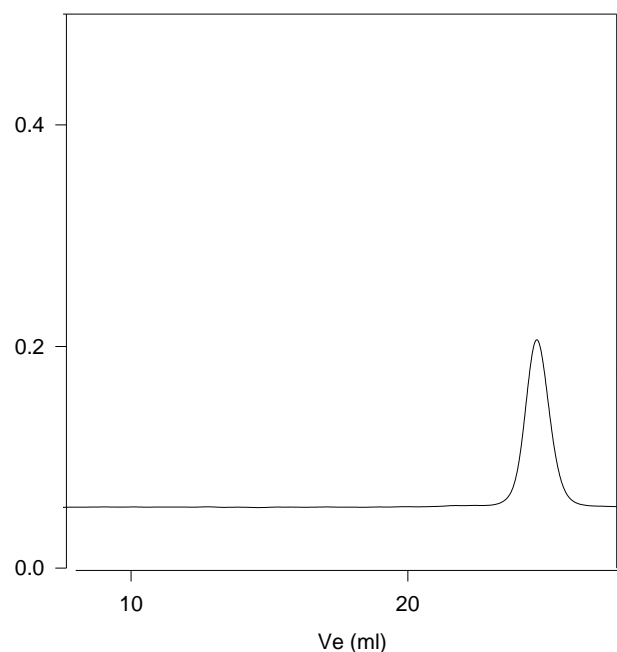


Characterization:

The molecular weight and polydispersity index (PDI) of the polymer are obtained by size exclusion chromatography (SEC), and ¹H NMR analysis.

SEC elugram of the polymer:

P16282-S-RAFT



Polystyrene, M_n=5,000, M_w=5,500 PI=1.14