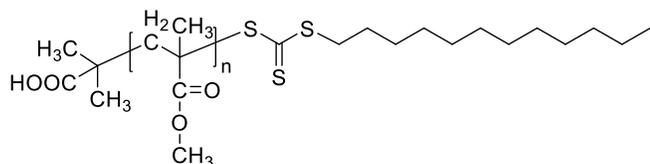


Sample Name:

Poly(methyl methacrylate), (ω -RAFT)-terminated

Sample #: **P42965C-MMA-RAFT**

Structure:



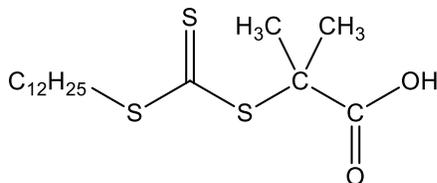
Composition:

$M_n \times 10^3$	PDI
6.0	1.25

Synthesis Procedure:

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

Structure:



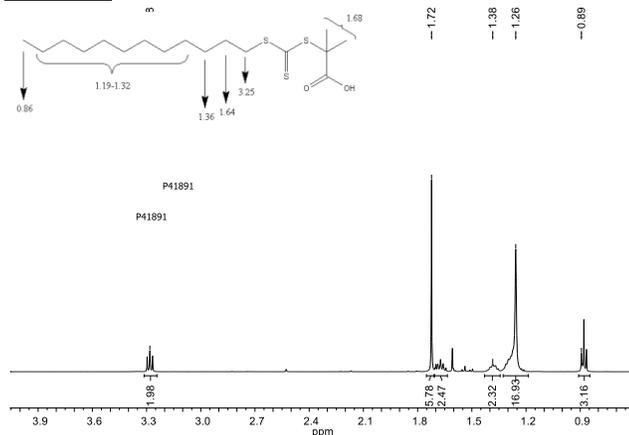
Chemical Formula: $C_{17}H_{32}O_2S_3$

Molecular Weight: 364.6

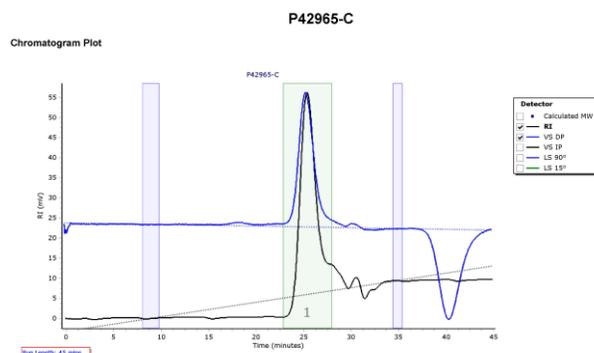
Characterization:

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 RAFT CTA (500 MHz, DMSO):



SEC elugram of the Sample:



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	8122	6081	7595	8935	10077	8807	1.249