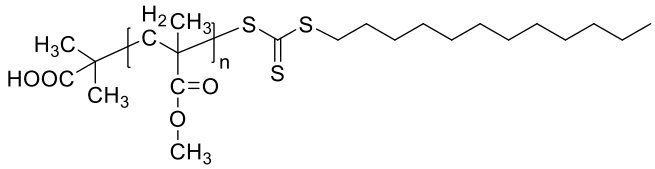
Sample Name: **Poly(methyl methacrylate), (ω-RAFT)-terminated**

Sample #: **P16424-MMA-RAFT**

Structure:

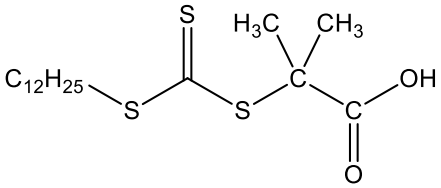


Composition:

$Mn \times 10^3$	PDI
23.0	1.35

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

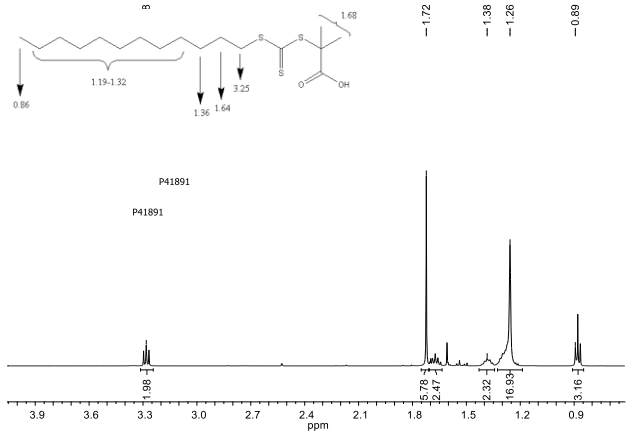
Structure:



Chemical Formula: $C_{17}H_{32}O_2S_3$
Molecular Weight: 364.6

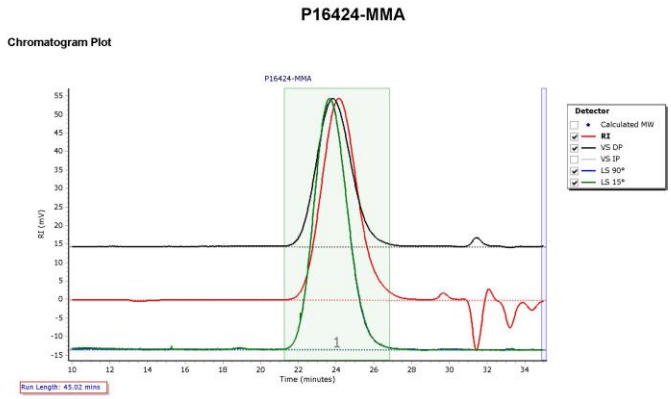
Characterization:
The molecular weight and polydispersity index (PDI) of the polymer are obtained by size exclusion chromatography (SEC) in THF as eluent.

^{1}H NMR of RAFT CTA (500 MHz, DMSO):



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

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	28222	22972	30901	40247	50886	38313	1.345