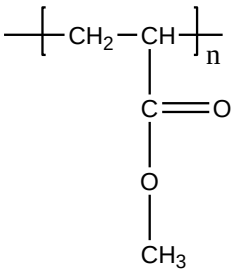
Sample Name: **Poly (methyl acrylate)**

Sample #: **P41638A-MA**

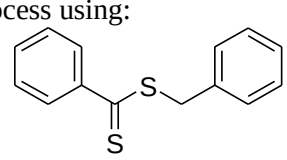
Structure:



Composition:

Mn x 103	PDI
1.5	1.06

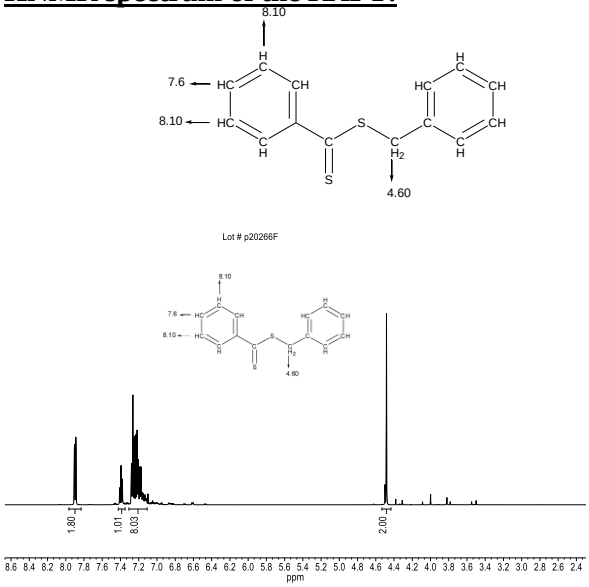
Synthesis Procedure:
The polymer was synthesized by RAFT polymerization process using:



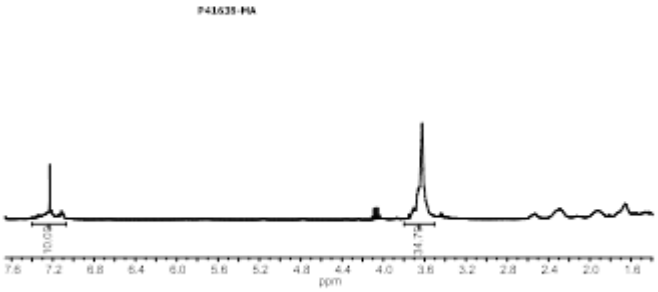
Dithiobenzoic acid benzyl ester

Characterization:
The polymer was characterized by size exclusion chromatography (SEC) and ^{1}H NMR.

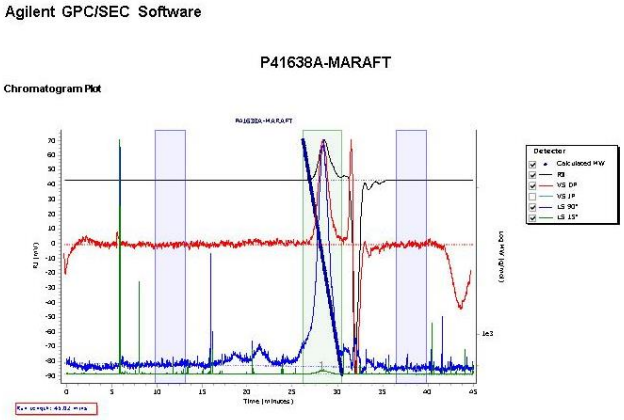
HNMR spectrum of the RAFT:



HNMR spectrum of the polymer:



SEC profile 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	1741	1568	1694	1819	1945	1802	1.08