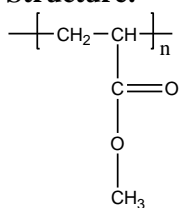


Sample Name: Poly(methyl acrylate)

Sample #: P41638B-MA

Structure:

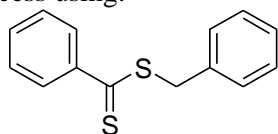


Composition:

Mn x 10 ³	PDI
1.1	1.3

Synthesis Procedure:

The polymer was synthesized by RAFT polymerization process using:

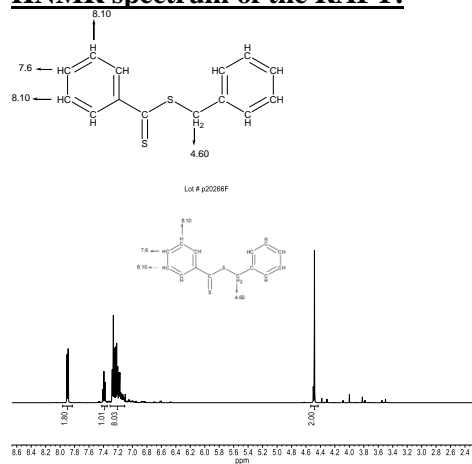


Dithiobenzoic acid benzyl ester

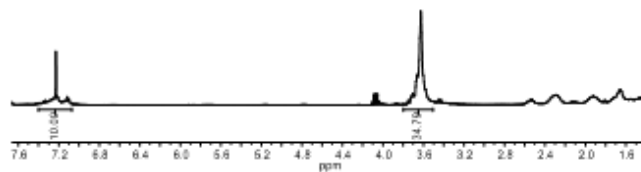
Characterization:

The polymer was characterized by size exclusion chromatography (SEC).

HNMR spectrum of the RAFT:



HNMR spectrum of the polymer:

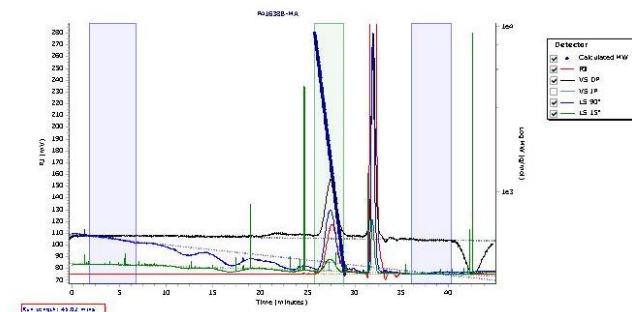


SEC profile of the Sample:

Agilent GPC/SEC Software

P41638B-MA

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
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Peak 1	1343	1134	1559	2115	2811	1855	1.374
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Processing Parameters

Method: SEC-MS, Column: SEC-MS, Mobile Phase: SEC-MS