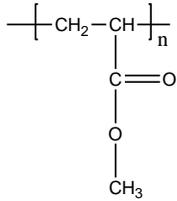


**Sample Name:** Poly (methyl acrylate)

**Sample #:** P41633C-MA

**Structure:**

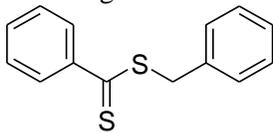


**Composition:**

Mn x 10 <sup>3</sup>	PDI
0.8	1.13

**Synthesis Procedure:**

The polymer was synthesized by RAFT polymerization process using:

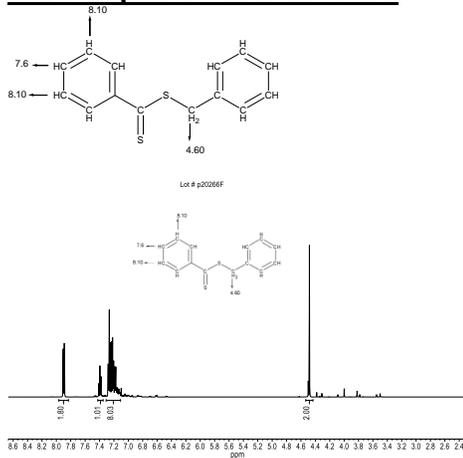


Dithiobenzoic acid benzyl ester

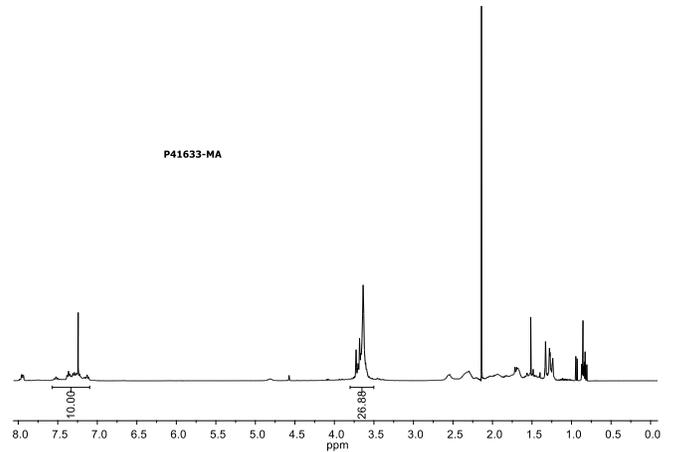
**Characterization:**

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

**HNMR spectrum of the RAFT:**

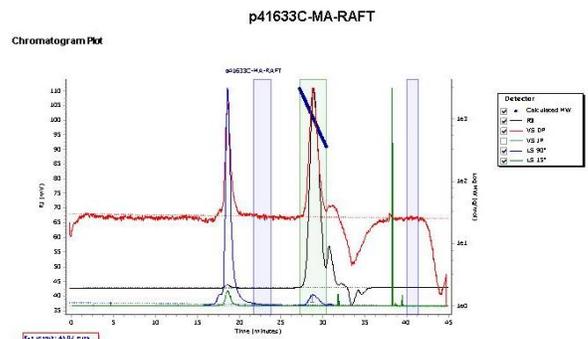


**HNMR spectrum of the polymer:**



**SEC profile of the Sample:**

Agilent GPC/SEC Software



Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz-1 (g/mol)	Mo (g/mol)	PD
Peak 1	1013	868	985	1108	1236	1061	1.135