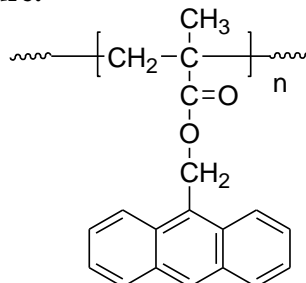


Sample Name:

Poly(9-Anthracenyl methyl methacrylate)

Sample#: P42831-AnMMA

Structure:



Composition:

Mn x 10 ³	PDI
224.5	1.37

Synthesis:

The polymer is prepared by RAFT polymerization process.

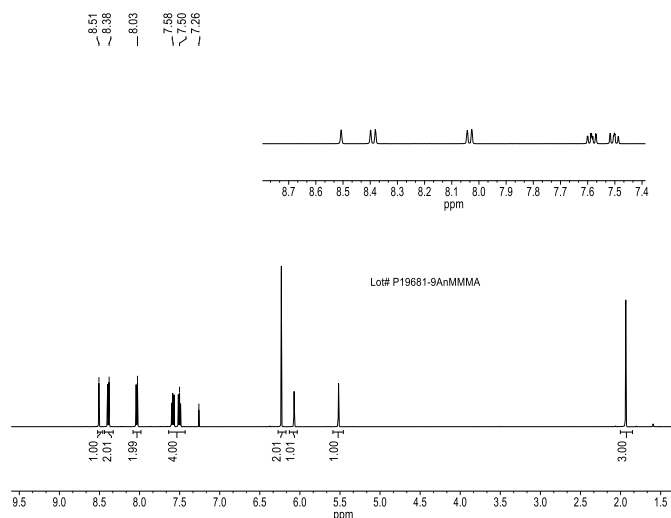
Characterization:

The polymer was characterized by SEC and ¹H-NMR data analysis.

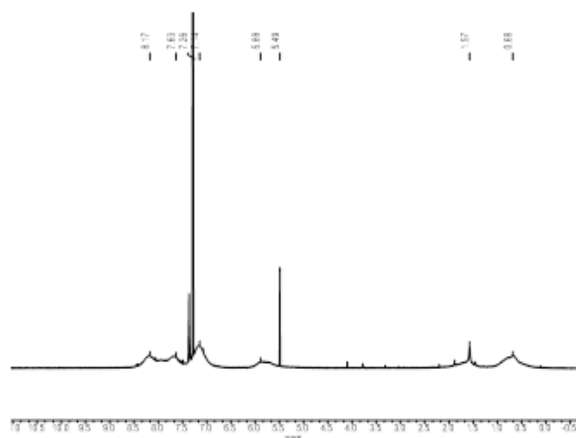
Solubility:

Polymer is soluble in THF, CHCl₃. In toluene the polymer swell. The polymer precipitates from hexanes, methanol and ethanol.

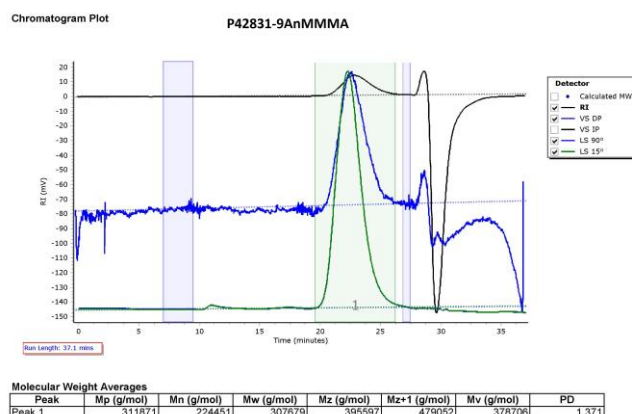
¹H-NMR spectrum of monomer:



¹H-NMR spectrum of polymer:



SEC elugram of the sample:



Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mv (g/mol)	PD
Peak 1	311871	224451	307679	395507	479052	378706	1.371