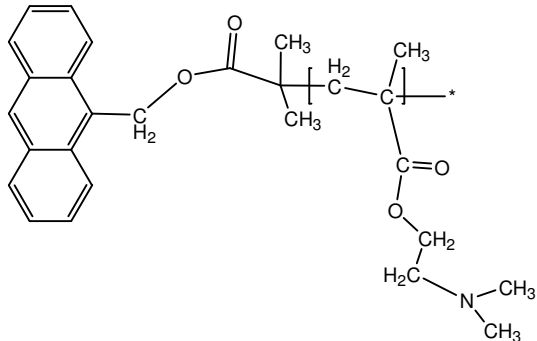


Sample Name:

Anthracene end Terminated Poly(N, N-dimethyl amino ethyl methacrylate)

Sample #: **P16054-DMAEMA-An**

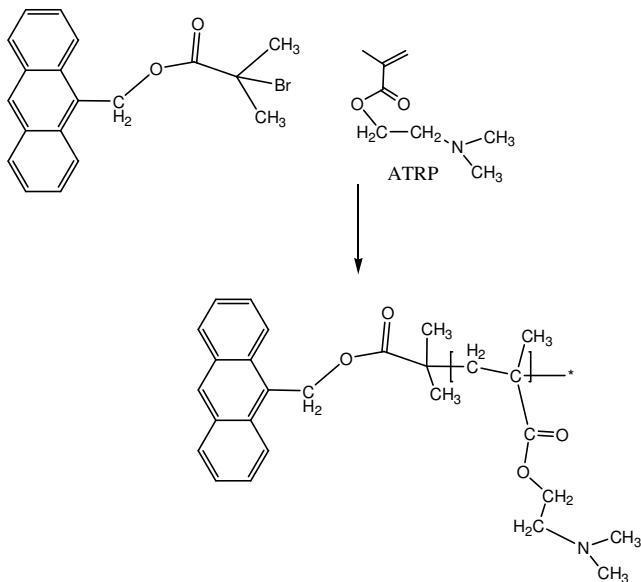
Structure:



Composition:

Mn x 10 ³	PDI	COOH functionalit y
261.0	1.9	>99%

Synthesis Procedure: The polymer was synthesized by controlled radical process.



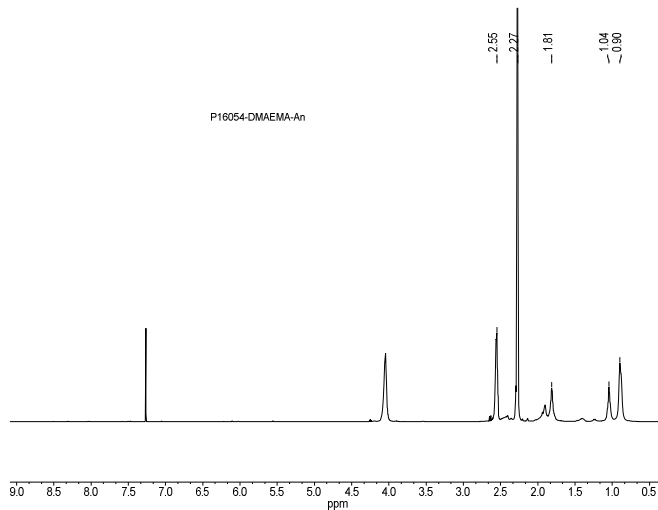
Characterization:

The polymer was characterized by SEC in DMF and ¹H NMR.

Solubility:

The polymer is soluble in water.

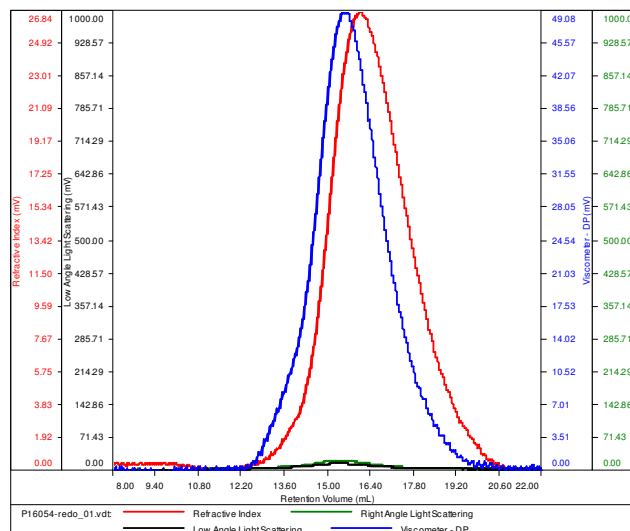
¹H NMR spectrum of the polymer:



SEC elugram of the polymer:

P16054-DMAEMA

Conc (mg/mL)	1.0000
dn/dc (mL/g)	0.0870
Method	PS80k-July-2016-0002.vcm
Solvent	DMF w 0.023M LiBr
Column	PSS



Sample	Mn	Mw	Mp	Mw/Mn	IV
P16054-redo_01.vdt	261,209	498,559	416,012	1.909	1.6114