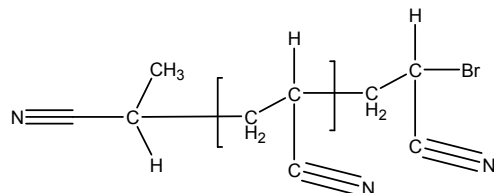


Sample Name: Bromo end Functionalized Poly (Acrylonitrile)

Sample #: P16185-ACNBr

Structure:



Composition:

$M_n \times 10^3$	M_w/M_n (PDI)
2.9 (by GPC)	1.29
2.4 (HNMR)	

Synthesis Procedure:

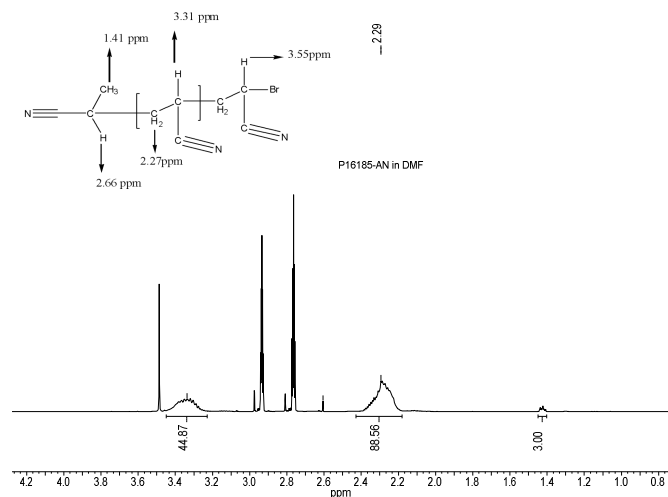
Polymer was synthesized by controlled radical process.

Solubility:

Polymer is soluble in DMF.

^1H NMR spectrum of the Polymer in DMF:

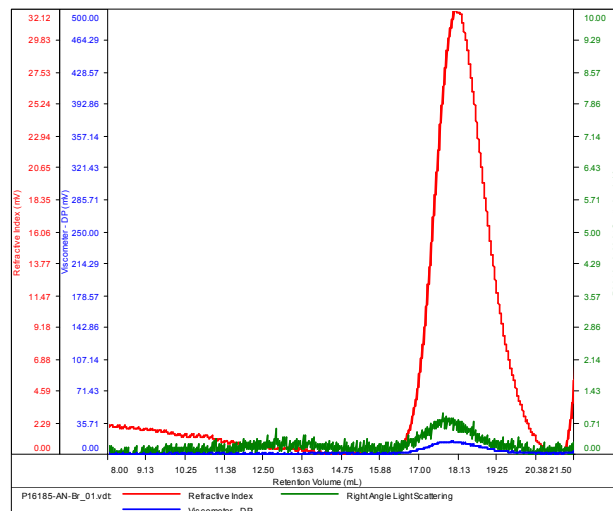
Chemical Shifts in DMF



SEC elugram of the polymer:

P16185-AN-BR

Conc	3.7510
dn/dc	0.0920
Solvent	DMF w 0.023M LiBr
Flow Rate	0.7000
Method	PS80k-March2017-0002.vcm



Sample	M_n	M_w	M_p	M_w/M_n	IV
P16185-AN-Br_01.vdt	2,977	3,852	4,685	1.294	0.0700