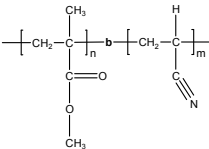


Sample Name: Poly (Acrylonitrile-b-nButylacrylate)

Sample #: P40532-ACNnBuA

Structure:



Composition:

$M_n \times 10^3$ ACN-b0-nBuA	M_w/M_n (PDI)
13.0-b-36.0	1.24

Synthesis Procedure:

Polymer is prepared by controlled radical process.

Characterization:

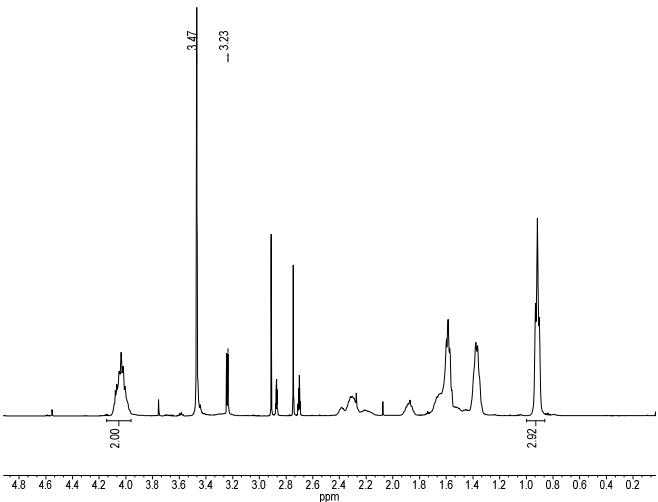
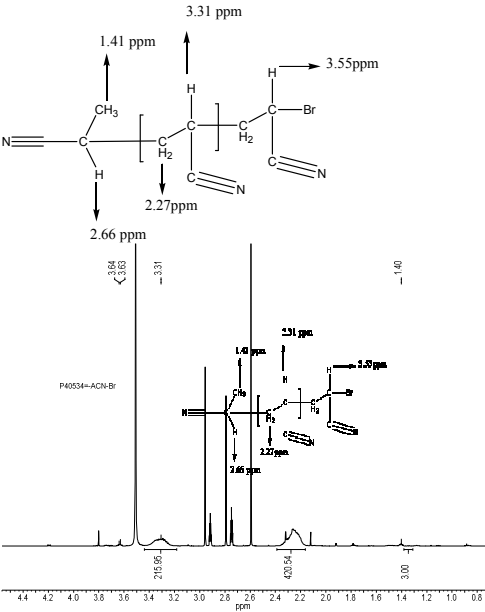
The polymer was characterized by ^1H NMR and size exclusion chromatography (SEC) in DMF.

Solubility:

Polymer is soluble in DMF, and precipitated in methanol and hexanes.

^1H NMR spectrum of the Polymer in DMF:

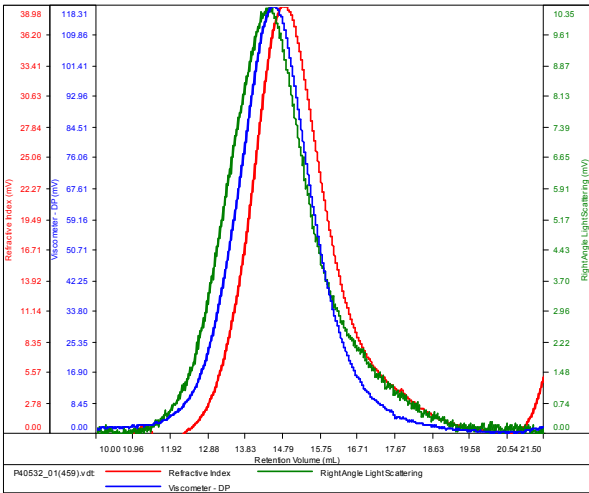
Chemical Shifts in DMF



SEC elugram of the Sample:

P40532-ACN-nBUA

Conc	5.6784
dn/dc	0.1000
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
P40532_01(459).vdt	49,181	61,283	45,416	1.246	0.5406