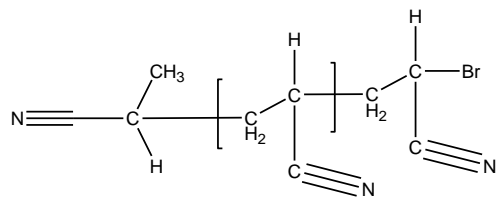


Sample Name: Poly (Acrylonitrile)

Sample #: P16104C-AN

Structure:



Composition:

$M_n \times 10^3$	Mw/Mn (PDI)
6.0	1.2

Synthesis Procedure:

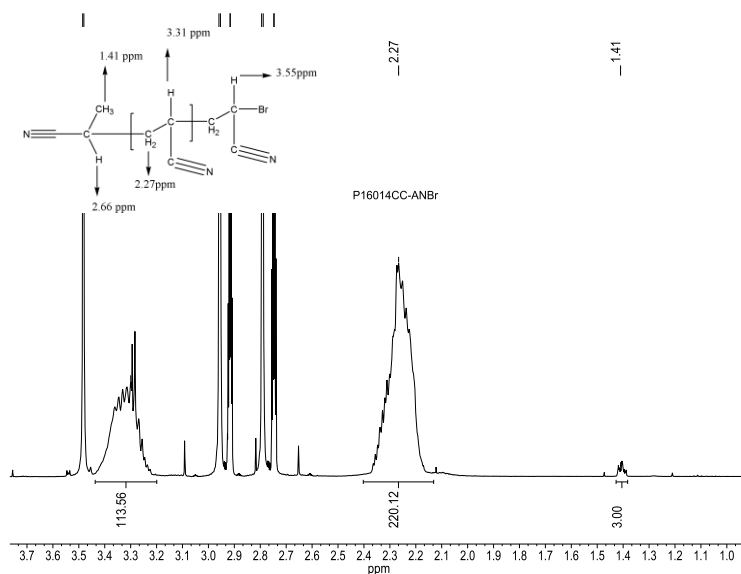
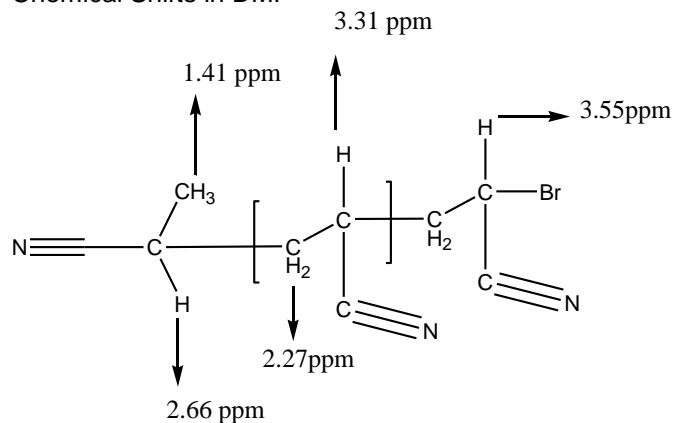
Polymer was synthesized by controlled radical process using 2-bromopropionitrile as initiator.

Solubility:

Polymer is soluble in DMF.

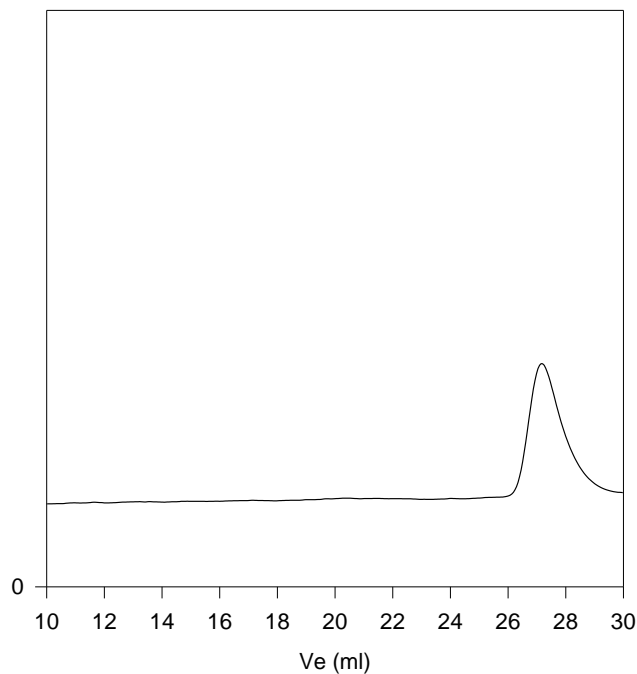
^1H NMR spectrum of the Polymer in DMF:

Chemical Shifts in DMF



SEC elugram of the polymer:

P16104C-AN



Size exclusion chromatograph of Polymer:

$M_n=6,000$ $M_w=7,200$ $PI=1.2$