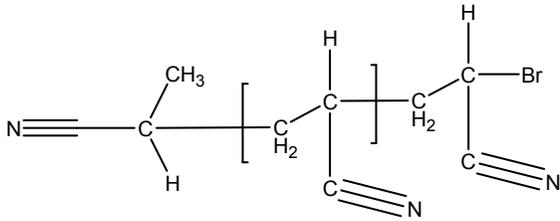


Sample Name: Poly (Acrylonitrile)

Sample #: P16104D-AN

Structure:



Composition:

$M_n \times 10^3$	M_w/M_n (PDI)
11.5	1.15

Synthesis Procedure:

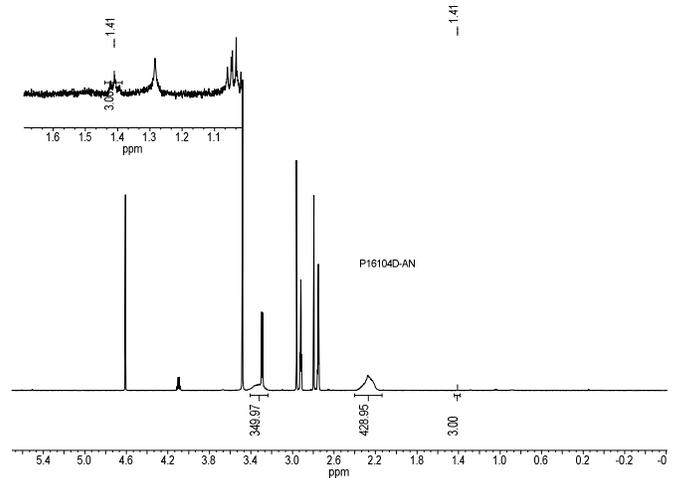
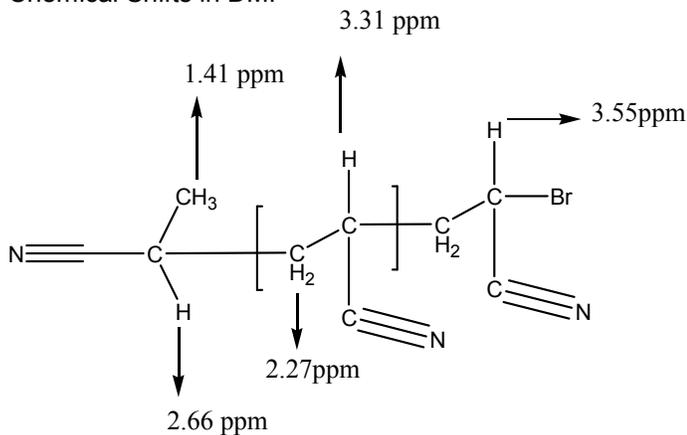
Polymer was synthesized by controlled radical process using 2-bromopropionitrile as initiator.

Solubility:

Polymer is soluble in DMF.

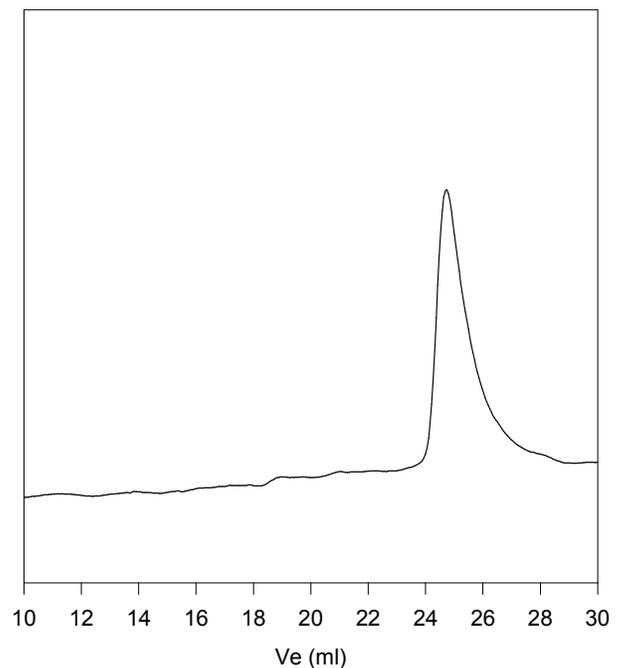
^1H NMR spectrum of the Polymer in DMF:

Chemical Shifts in DMF



SEC elugram of the polymer:

P16104D-AN



Size exclusion chromatograph of Polymer:

$M_n=11,500$ $M_w=13,200$ $PI=1.15$