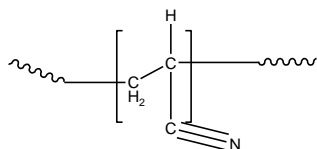


Sample Name: Poly (Acrylonitrile)

Sample #: P18379-AN

Structure:



Composition:

$M_n \times 10^3$	M_w/M_n (PDI)
37.0	1.22

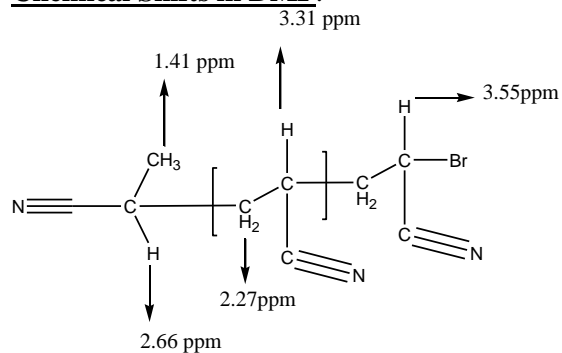
Synthesis Procedure:

Polymer is prepared by combination of a controlled radical process using 2-bromopropionitrile as initiator in ethylene carbonate as solvent.

Solubility:

Polymer is soluble in DMF

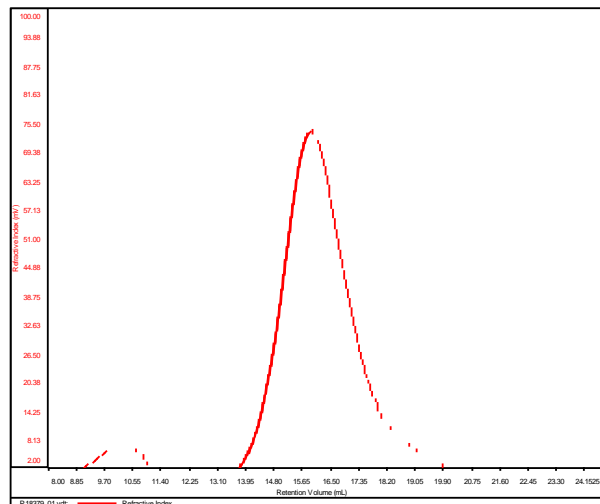
Chemical Shifts in DMF:



SEC profile of the polymer carried out in DMF

P18379

Conc	7.5593
dn/dc	0.0920
Solvent	DMF w 0.023M LiBr
Flow Rate	0.7000
Method	PS-80K_2018-04-02-0000.vcm



Sample	M_n	M_w	M_p	M_w/M_n	IV
P18379_01.vdt	36,935	44,948	30,042	1.217	0.5675