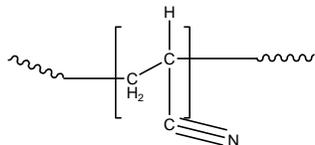


Sample Name:  
**Poly (Acrylonitrile)**

Sample #: **P41241-AN**

Structure:



Composition:

$M_n \times 10^3$	$M_w/M_n$ (PDI)
42.0	1.45

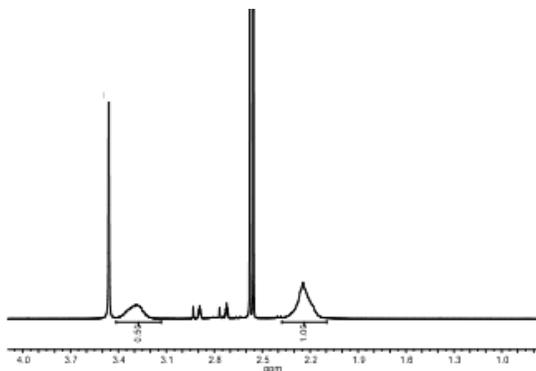
Synthesis Procedure:

Polymer is prepared by anionic polymerization process.

Solubility:

Polymer is soluble in DMF.

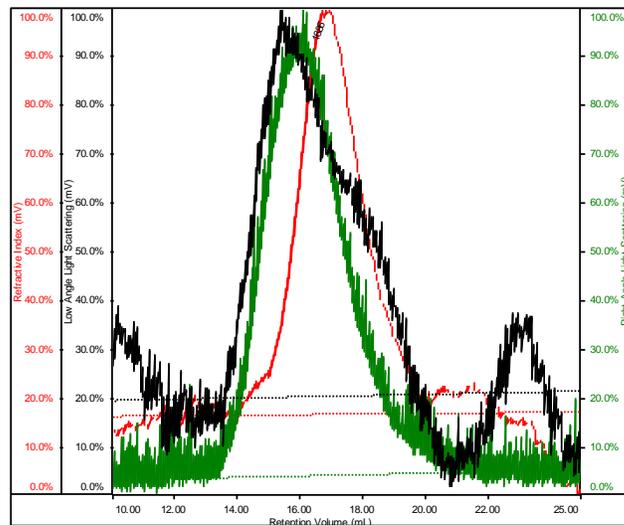
H NMR spectrum of the sample:



**SEC elugram of the polymer in DMF:**

**P41241-ACN-Br**

Conc	1.8505
dn/dc	0.0920
Solvent	DMF w 0.023M LiBr
Flow Rate	0.7000
Method	PS99k_2018-05-30-0000.vcm



Sample	$M_n$	$M_w$	$M_p$	$M_w/M_n$	IV
P41241-ACN-Br_01.vdt	42,062	61,033	36,978	1.451	1.0072