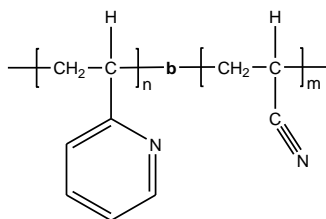


Sample Name:
Poly (2-vinyl pyridine-b-acrylonitrile)

Sample #: **P41295-2VPACN**

Structure:



Composition:

$M_n \times 10^3$ 2VP-b-ACN	M_w/M_n (PDI)
2.0-b-67.0	3.9

Synthesis Procedure:

Polymer is prepared by anionic polymerization process.

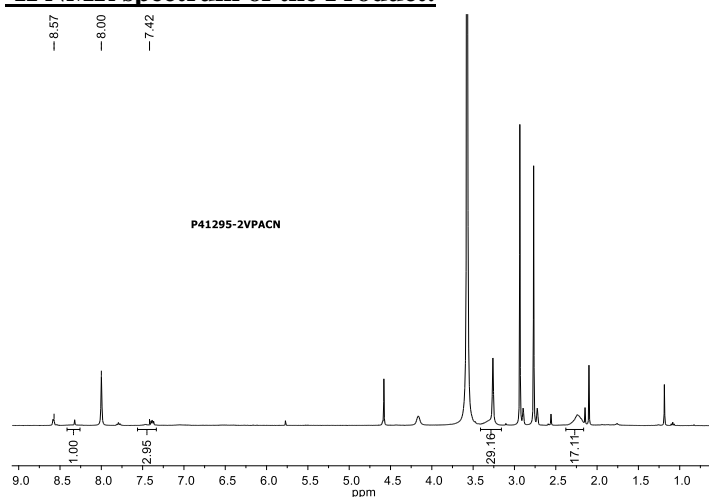
Characterization:

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

Solubility:

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

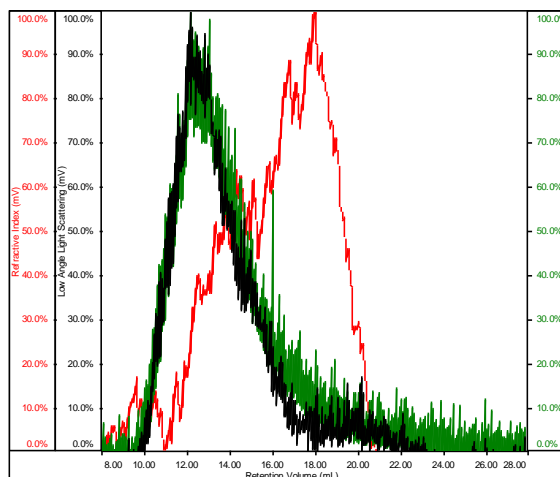
^1H NMR spectrum of the Product:



SEC elugram of the Product:

P41295-2VPACN

Conc	1.3255
dn/dc	0.0800
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
P41295-2_01.vdt	69,494	269,733	52,048	3.881	0.8603