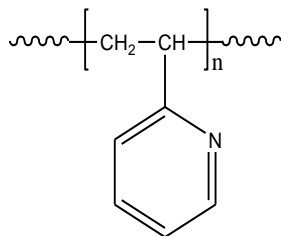


Sample Name: Poly (2-vinyl pyridine)

Sample #: P40271-2VP

**Structure:**



**Composition:**

$M_n \times 10^3$	PDI
6.0	1.03
By HNMR 5.3	

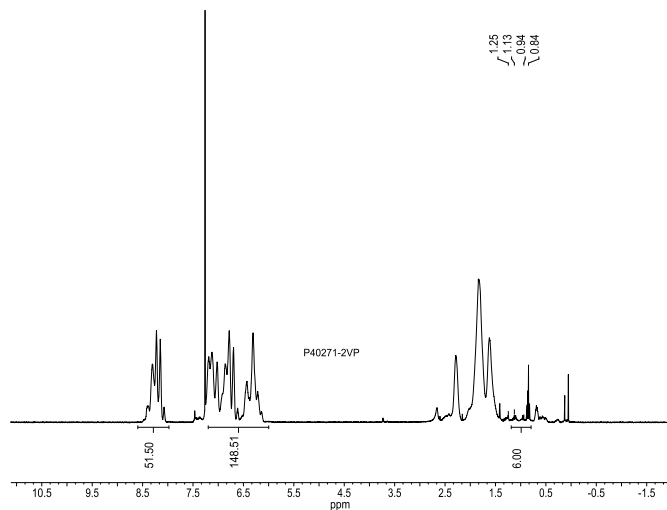
**Synthesis Procedure:**

The polymer was synthesized by anionic polymerization process.

**Characterization:**

The product was characterized by size exclusion chromatography (SEC) and  $^1H$  NMR.

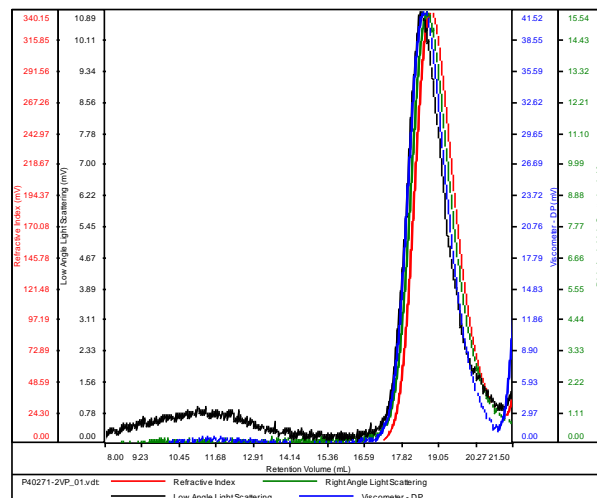
**HNMR of the polymer (Run in DMF):**



**SEC elugram of the polymer:**

P40271-2VP

Conc (mg/mL)	9.8355
dn/dc (mL/g)	0.1650
Method	PS80k-October192016-0000.vcm
Solvent	DMF w 0.023M LiBr
Column	PSS



Sample	$M_n$	$M_w$	$M_p$	$M_w/M_n$	IV
P40271-2VP_01.vdt	6,055	6,273	5,973	1.036	0.0751

**Relationship between Tg and Mn of P2VP:**

