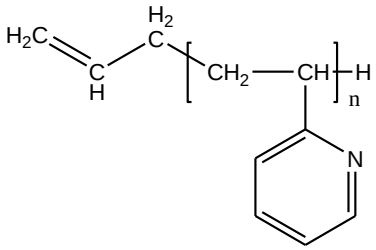
Sample Name: **Poly (2-vinyl pyridine), α-allyl-terminated**

Sample #: **P41543-2VP-allyl**

Structure:



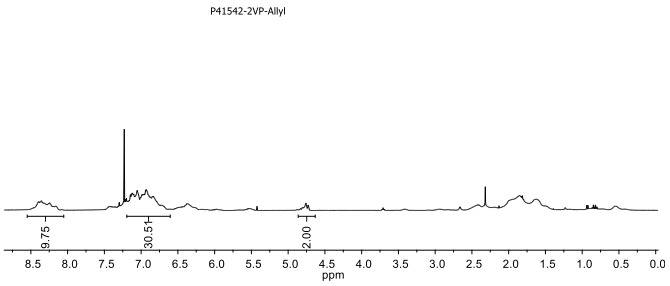
Composition:

Mn x 10^3	PDI
5.5	1.02
End group functionality	>99%

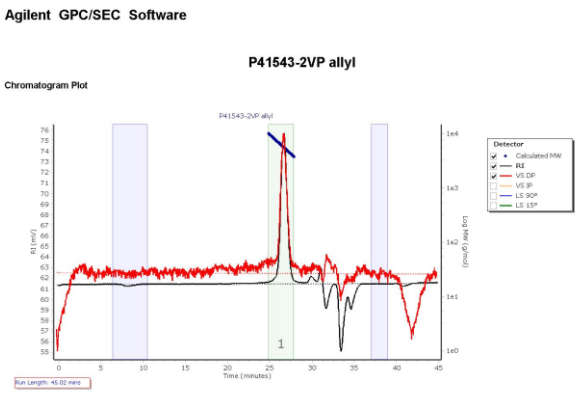
Synthesis:
The polymer was synthesized by anionic polymerization process.

Characterization:
The product was characterized by size exclusion chromatography (SEC) and ^{1}H NMR.

H NMR spectrum of the sample:



SEC elugram of the Sample:



Molecular Weight Averages

Peak	Mp (g/mol)	Mn (g/mol)	Mw (g/mol)	Mz (g/mol)	Mz+1 (g/mol)	Mv (g/mol)	PD
Peak 1	5631	5573	5679	5796	5931	5769	1.019

Processing Parameters

Method	Last modified by Polymer Source at 11:41:18 AM on October-24-18
Concentration Detector Used in Analysis	RI
Injection volume (µL)	100.00
Flow rate (mL/min)	1.00
Concentration options	Calculate Sample Concentration from Entered Sample Properties
Entered dn/dc (mL/g)	0.165
Entered Ext Coeff ([(mg/mL)-1][cm-1])	1.000
Calculated RI concentration (mg/mL)	0.830

Reference for further information:
Varshney, S. K.; Song, Z.; Zhang, Jian-Xin.; Jerome, Robert. Rapid Communication; J. Polym. Sci. Part A, 2006, 44, 3400.